



Test Report

Test Group: AS4 Common Profile Test Assertions

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

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

2019.08.08 12:59:12

Summary


AS4_CP_TA01	✓
AS4_CP_TA02	✓
AS4_CP_TA03	✓
AS4_CP_TA04	✓
AS4_CP_TA05	✓
AS4_CP_TA06	✓
AS4_CP_TA07	✓
AS4_CP_TA08	✓
AS4_CP_TA09	✓
AS4_CP_TA10	✓
AS4_CP_TA12	✓
AS4_CP_TA13	✓
AS4_CP_TA14	✓
AS4_CP_TA15	✓
AS4_CP_TA16	✓
AS4_CP_TA17	✓
AS4_CP_TA19	✓
AS4_CP_TA21	✓
AS4_CP_TA22	✓
AS4_CP_TA23	✓
AS4_CP_TA24	✓
AS4_CP_TA25	✓
AS4_CP_TA26	✓
AS4_CP_TA27	✓
AS4_CP_TA28	✓
AS4_CP_TA29	✓
AS4_CP_TA30	✓
AS4_CP_TA31	✓
AS4_CP_TA32	✓
AS4_CP_TA33	

	✓
AS4_CP_TA34	✓
AS4_CP_TA35	✓
AS4_CP_TA36	✓
AS4_CP_TA37	✓
AS4_CP_TA38	✓
AS4_CP_TA45	✓

Test Report - AS4_CP_TA01

Overview

Test Group:	AS4 Common Profile Test Assertions
Test Assertion:	AS4_CP_TA01
Test Case:	AS4_CP_TA01_TC01
User:	ROOT
Date:	2019.08.08 12:51:11
System(s) Tested:	1- Phase4

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

Test Assertion Details

TAID:	AS4_CP_TA01
Target:	"One-Way/Push" MEP
Normative Source:	The AS4 ebHandler Conformance Profile is the AS4 conformance profile that provides support for Sending and Receiving roles using Push channel bindings. Support is required for the following Message Exchange Patterns: • One Way / Push • Two Way / Push-and-Push
Prescription Level:	Mandatory
Prerequisite:	• SSMH and RSMH are configured to exchange AS4 messages according to the eDelivery AS4 profile: One-Way/Push MEP. • SSMH sends an AS4 User message to the RSMH.
Predicate:	The RSMH returns a non-repudiation receipt within a HTTP response with status code 2XX (for more details on http response codes please refer to https://issues.oasis-open.org/browse/EBXMLMSG-57?jql=project%20%3D%20EBXMLMSG).
Variables:	
Tag:	Message Exchange pattern, One-Way/Push

Log

```
2019-08-08 12:51:12,965: INFO - Minder version v2.3.0
2019-08-08 12:51:12,970: INFO - Start Test
2019-08-08 12:51:12,975: INFO - Initialize test case
2019-08-08 12:51:12,985: DEBUG - Parameters
2019-08-08 12:51:12,990: DEBUG - Corner2:phoss-c2
Corner3:phoss-c3
2019-08-08 12:51:12,995: INFO - > Initialize the Adapters
2019-08-08 12:51:13,000: INFO - Call start test on NULLADAPTER
2019-08-08 12:51:13,005: INFO - Obtain SUT Identifiers from NULLADAPTER
2019-08-08 12:51:13,011: INFO - Call start test on as4-adapter
2019-08-08 12:51:13,018: INFO - Obtain SUT Identifiers from as4-adapter
2019-08-08 12:51:13,023: INFO - System Under Test: Phase4
2019-08-08 12:51:13,028: INFO - System Under Test: Phase4
2019-08-08 12:51:13,034: INFO - Call start test on genericAS4Corner4
2019-08-08 12:51:13,040: INFO - Obtain SUT Identifiers from genericAS4Corner4
2019-08-08 12:51:13,045: INFO - Call start test on genericAS4Corner1
2019-08-08 12:51:13,052: INFO - Obtain SUT Identifiers from genericAS4Corner1
2019-08-08 12:51:13,057: INFO - > RUN RIVET 0
2019-08-08 12:51:13,063: DEBUG - Assign free vars
2019-08-08 12:51:13,068: INFO - Corner 2 phoss-c2
2019-08-08 12:51:13,074: INFO - Corner 3 phoss-c3
2019-08-08 12:51:13,121: INFO - > CALL SLOT NULLADAPTER.NULLSLOT
2019-08-08 12:51:13,126: INFO - < SLOT CALLED NULLADAPTER.NULLSLOT
2019-08-08 12:51:13,131: INFO - < Rivet finished sucessfully
2019-08-08 12:51:13,137: INFO - -----

2019-08-08 12:51:13,142: INFO - > RUN RIVET 1
2019-08-08 12:51:13,147: DEBUG - Assign free vars
2019-08-08 12:51:13,152: INFO - > CALL SLOT genericAS4Corner1|8.submitMessage(esens.wp6.esensMshBackend.SubmissionData)
2019-08-08 12:51:14,471: INFO - < SLOT CALLED genericAS4Corner1|8.submitMessage(esens.wp6.esensMshBackend.SubmissionData)
2019-08-08 12:51:14,476: INFO - < Rivet finished sucessfully
2019-08-08 12:51:14,481: INFO - -----

2019-08-08 12:51:14,487: INFO - > RUN RIVET 2
2019-08-08 12:51:14,492: DEBUG - > Wait For Signal:as4-adapter|8.messageReceived(byte[])
2019-08-08 12:51:15,717: DEBUG - < Signal Arrived: as4-adapter|8.messageReceived(byte[])
2019-08-08 12:51:15,723: INFO - C2 AS4 Message
2019-08-08 12:51:15,730: INFO - <?xml version="1.0" encoding="UTF-8"?>
<eb:Messaging xmlns:eb="http://docs.oasis-open.org/ebxml-msg/ebms/v3.0/ns/core/200704/"
xmlns:S11="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:ebbp="http://docs.oasis-open.org/ebxml-bp/ebbp-signals-2.0"
xmlns:S12="http://www.w3.org/2003/05/soap-envelope"
xmlns:wsu="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-wssecurity-utility-1.0.xsd"
xmlns:ds="http://www.w3.org/2000/09/xmldsig#"
xmlns:xlink="http://www.w3.org/1999/xlink"
S12:mustUnderstand="true"
wsu:id="phase4-msg-9f3532ac-0142-403b-bada-1cf2e14713f2">
<eb:UserMessage>
<eb:MessageInfo>
<eb:Timestamp>2019-08-08T12:51:20.233</eb:Timestamp>
<eb:MessageId>4ee4c615-1200-4a56-b07c-c328de8f5671@mindentestbed.org</eb:MessageId>
</eb:MessageInfo>
<eb:PartyInfo>
<eb:From>
<eb:PartyId>phoss-c2</eb:PartyId>
<eb:Role>http://www.esens.eu/as4/conformancetest/sut</eb:Role>
</eb:From>
<eb:To>
<eb:PartyId>phoss-c3</eb:PartyId>
<eb:Role>http://docs.oasis-open.org/ebxml-msg/ebms/v3.0/ns/core/200704/responder</eb:Role>
</eb:To>
</eb:PartyInfo>
<eb:CollaborationInfo>
<eb:AgreementRef pmode="phoss-c2-phoss-c3">urn:as4:agreement</eb:AgreementRef>
<eb:Service>SRV_SIMPLE_ONEWAY</eb:Service>
<eb:Action>ACT_SIMPLE_ONEWAY</eb:Action>
<eb:ConversationId>468509</eb:ConversationId>
</eb:CollaborationInfo>
<eb:MessageProperties>
<eb:Property name="originalSender">C1</eb:Property>
<eb:Property name="finalRecipient">C4</eb:Property>
</eb:MessageProperties>
<eb:PayloadInfo>
<eb:PartInfo href="cid:xmlpayload@minder">
<eb:PartProperties>
<eb:Property name="MimeType">application/xml</eb:Property>
<eb:Property name="CharacterSet">ISO-8859-1</eb:Property>
<eb:Property name="CompressionType">application/gzip</eb:Property>
</eb:PartProperties>
</eb:PartInfo>
<eb:PartInfo href="cid:custompayload@minder">
<eb:PartProperties>
<eb:Property name="MimeType">application/octet-stream</eb:Property>
<eb:Property name="CharacterSet">ISO-8859-1</eb:Property>
<eb:Property name="CompressionType">application/gzip</eb:Property>
</eb:PartProperties>
</eb:PartInfo>
</eb:PayloadInfo>
</eb:UserMessage>
</eb:Messaging>
2019-08-08 12:51:15,736: INFO - C2 AS4 Security Header
2019-08-08 12:51:15,742: INFO - <?xml version="1.0" encoding="UTF-8"?>
<wsse:Security xmlns:wsse="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-wssecurity-secext-1.0.xsd"
xmlns:S12="http://www.w3.org/2003/05/soap-envelope"
xmlns:wsu="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-wssecurity-utility-1.0.xsd"
S12:mustUnderstand="true">
<wsse:BinarySecurityToken EncodingType="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-soap-message-security-1.0#Base64Binary"
ValueType="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-x509-token-profile-1.0#X509v3"
wsu:id="G82886781-4989-4c07-a01a-
```

```
3fdb096c5aef">MIIDdzCCAl+gAwIBAgIEa5bQAjANBgkqhkiG9w0BAQsFADBbMQswCQYDVQQGEwJFVTERMA8GA1UECBMlGhvc3MtYzZlMxETAPBgNVBAClTCHBob3NzLWZWMzMRew
DwYDVQQKEwEhwaG9zcy1jMzERMA8GA1UECzMlGhvc3MtYzZlMxETAPBgNVBAMTCHBob3NzLWZWMzMB4XDTE5MDYwMzE0MzUyMFoXDTIwMDYwMjE0MzUyMFowbDELMAkGA1UEB
hMCRVUxEtAPBgNVBAGlTCHBob3NzLWZWMzMRewDwYDVQQHEwEhwaG9zcy1jMzERMA8GA1UEChMlGhvc3MtYzZlMxETAPBgNVBAsTCHBob3NzLWZWMzMRewDwYDVQQDEwEhwaG9z
cy1jMzCCASlwdQYJKoZIhvcNAQEBBQADggEPADCCAQoCggEBAJrgRWo9a7DiX0yH+0AcN8XhUbbtCHluisdeucPI2fnfWh8XorPka5rSIRJb61bU6AC/pNFK3EdtlhPxFS5Ajz6c5U8okM
36R8Jzdry5hf0tQqRlnTBXNgaE2xqvdjrJhiZPHguNYe7sRgAyd2kFvWRuXaQ8uAD23DBG9X1r8dDscSAPnrUx4LF8SlqqrSbtK0OU1fykoADsoDZhxrkVc3oDHEMMMM4kIOb9/GWmFch
AzGSUjYI5PG2lJjWCRDi4c3/AjOMIMWVzeWDvUfXpv2doQ11Aua9L3bb1py7DDvAbtvASwLk5QJqVX0u3Fxo5BkkeloF5TH4n0RmLKOAYcCAwEAaAMhMB8wHQYDVR0OBBYEFYPZbvaU9
/2QALJlgMacKtISgdSxG/MAOGCSqGSilb3DQEBcWUAA4IBAQBHGWsgC7vPMYr8b4CgV3E3YeXIUPDYn3jOBDZJevBhSIFPjdZ7IbP1EGcB8yIXD0d6/awTbiX2+P+od3q+4/ZuB2ktGJSdr
51IQrMDhaJo/3GL7GcmSASWG3Yjfx1/Yu6Voga/sZymfIVnatHuD1YG4c6Zbf5P3vw0xVHNTtTfDB8Zp9mKPKPJ3m2sOFil2JODZAgOtiGeZAXHPVU58bQ+KiZ8EvZvPoPiXty4aUlx4d
ILSEGHdQpfO6vVLBYM43DUwFob4i9Iybn6iZKdAc3GSZIDkZsvTmbUe2QN+sMqp3VrPL3fMU9ig182UqiDHCmgx1/7/haJji+</wsse:BinarySecurityToken>
<xenc:EncryptedKey xmlns:xenc="http://www.w3.org/2001/04/xmenc#"
Id="EK-0f442f7d-2923-44bb-b162-fafebd431c52">
<xenc:EncryptionMethod Algorithm="http://www.w3.org/2009/xmenc11#rsa-oaep">
<ds:DigestMethod xmlns:ds="http://www.w3.org/2000/09/xmldsig#"
Algorithm="http://www.w3.org/2001/04/xmenc#sha256"/>
<xenc11:MGF xmlns:xenc11="http://www.w3.org/2009/xmenc11#"
Algorithm="http://www.w3.org/2009/xmenc11#mgf1sha256"/>
</xenc:EncryptionMethod>
<ds:KeyInfo xmlns:ds="http://www.w3.org/2000/09/xmldsig#">
<wsse:SecurityTokenReference>
<wsse:Reference URI="#G82886781-4989-4c07-a01a-3fdb096c5aef"
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>Xntgt13RqWBF7tA0J7E7B6PU+QO3eXzKBNrSkGZg49i00h/Xh6ctx/iKO+2IsbNxAwAp1TZRGEG6p4wnXkApJbbuVaiXyTMHceDlqHz1QX5z7DOj0cnnygDeLTgAzNTsT
44GaHA64uEH9Q9opuMPCpp3ZXKJdLzuJbAwanu0jPMvPpfuoq9AmeIzktig94K78DnxqWDbcruEYJWZ2Rpgwr5qgUw96Tvr8AMub0/GAo1qiEGFEDxtzPi1myWNk+3u+BEam4yMbFEbV
htPKBnLlbd4hHgD9kPjVaEKhpCmlt8BYepqx07O3g9SU8QaJlr9ETPW5T82fzlsXln01Xpgfz8w=</xenc:CipherValue>
</xenc:CipherData>
<xenc:ReferenceList>
<xenc:DataReference URI="#ED-9f0d7b0f-d1fa-4989-a0d5-d336b8093ee7"/>
<xenc:DataReference URI="#ED-1dd0cef0-c2c8-4451-8cc3-f38e176479ae"/>
</xenc:ReferenceList>
<xenc:EncryptedKey>
<xenc:EncryptedData xmlns:xenc="http://www.w3.org/2001/04/xmenc#"
Id="ED-1dd0cef0-c2c8-4451-8cc3-f38e176479ae"
MimeType="application/gzip"
Type="http://docs.oasis-open.org/wss/oasis-wss-SwAProfile-1.1#Attachment-Content-Only">
<xenc:EncryptionMethod Algorithm="http://www.w3.org/2009/xmenc11#aes128-gcm"/>
<ds:KeyInfo xmlns:ds="http://www.w3.org/2000/09/xmldsig#">
<wsse:SecurityTokenReference xmlns:wsse11="http://docs.oasis-open.org/wss/oasis-wss-wssecurity-secext-1.1.xsd"
wsse11:TokenType="http://docs.oasis-open.org/wss/oasis-wss-soap-message-security-1.1#EncryptedKey">
<wsse:Reference URI="#EK-0f442f7d-2923-44bb-b162-fafebd431c52"/>
</wsse:SecurityTokenReference>
</ds:KeyInfo>
<xenc:CipherData>
<xenc:CipherReference URI="cid:custompayload@minder">
<xenc:Transforms>
<ds:Transform xmlns:ds="http://www.w3.org/2000/09/xmldsig#"
Algorithm="http://docs.oasis-open.org/wss/oasis-wss-SwAProfile-1.1#Attachment-Ciphertext-Transform"/>
</ds:Transforms>
</xenc:CipherReference>
</xenc:CipherData>
</xenc:EncryptedData>
<xenc:EncryptedData xmlns:xenc="http://www.w3.org/2001/04/xmenc#"
Id="ED-9f0d7b0f-d1fa-4989-a0d5-d336b8093ee7"
MimeType="application/gzip"
Type="http://docs.oasis-open.org/wss/oasis-wss-SwAProfile-1.1#Attachment-Content-Only">
<xenc:EncryptionMethod Algorithm="http://www.w3.org/2009/xmenc11#aes128-gcm"/>
<ds:KeyInfo xmlns:ds="http://www.w3.org/2000/09/xmldsig#">
<wsse:SecurityTokenReference xmlns:wsse11="http://docs.oasis-open.org/wss/oasis-wss-wssecurity-secext-1.1.xsd"
wsse11:TokenType="http://docs.oasis-open.org/wss/oasis-wss-soap-message-security-1.1#EncryptedKey">
<wsse:Reference URI="#EK-0f442f7d-2923-44bb-b162-fafebd431c52"/>
</wsse:SecurityTokenReference>
</ds:KeyInfo>
<xenc:CipherData>
<xenc:CipherReference URI="cid:xmllpayload@minder">
<xenc:Transforms>
<ds:Transform xmlns:ds="http://www.w3.org/2000/09/xmldsig#"
Algorithm="http://docs.oasis-open.org/wss/oasis-wss-SwAProfile-1.1#Attachment-Ciphertext-Transform"/>
</ds:Transforms>
</xenc:CipherReference>
</xenc:CipherData>
</xenc:EncryptedData>
<wsse:BinarySecurityToken EncodingType="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-soap-message-security-1.0#Base64Binary"
ValueType="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-x509-token-profile-1.0#X509v3"
wsu:Id="X509-0eb184fb-c3df-4efd-be0a-
d4d34e5b7859">MIIDdzCCAl+gAwIBAgIEWYzEPjANBgkqhkiG9w0BAQsFADBbMQswCQYDVQQGEwJFVTERMA8GA1UECBMlGhvc3MtYzZlMxETAPBgNVBAClTCHBob3NzLWZWMzMRew
DwYDVQQKEwEhwaG9zcy1jMzERMA8GA1UECzMlGhvc3MtYzZlMxETAPBgNVBAMTCHBob3NzLWZWMzMRewDwYDVQQHEwEhwaG9zcy1jMzERMA8GA1UEChMlGhvc3MtYzZlMxETAPBgNVBAsTCHBob3NzLWZWMzMRewDwYDVQQDEwEhwaG9z
cy1jMzCCASlwdQYJKoZIhvcNAQEBBQADggEPADCCAQoCggEBAI12bKxvzZUZYaMsDjQdQdQrSCA0fRV7z6eQNJpl6PH7OuoJaErll/sDz5oHMTT/YbAqk9ZpqiFkb05ZrnNBkaONLC/TMX
q8pcZP2IKyO6p05Y2ZKlpuWVVo8+xttYTk+QGWOAZKEOU3Zw7e7UnLOSpuMzA4pLuSf54oJGzoUBWYR6JPUUalWbCK7+irDN95F4soCYAggP3jIwalWiJmJHZC4dqNk2S3ev3D5/chxm
EApxXBFFQoXoNko047XqGL5U2gqNKwUIOeCvLw+1CJKAAGCJzwfE/IM1+FsPQOPbvZ2xJgXJleoZY57IplV1Cv8736Q++cekCtDaq93cCAwEAaAMhMB8wHQYDVR0OBBYEFDFWvAd1
9aj0iOrgyeV5Irkk0qyOYMAOGCSqGSilb3DQEBcWUAA4IBAQB+9+ci0fGG3un06F18KdsAcn+a8Ra0SUQpmYuXBfGwxjUn/7IUANARxoo1KUa1dLYRt9GMjJelPY/hZmtaSptychSuB119rN
aU1IN8rVWkK3mEarwFyBoENPHvSubNtJaTdwYUvQeLDXIKJEhcVvHbUICaRswPGOPUUF7/1L7JBTHStB3RPCi8kDi2kCzBWVMsb83aURq/+fj84jC1xsQMWFQqXA0mqRmTNTQ5g
HCkjtjOfKpx88YKWLh+/vX5yV7nGiiF+gz7OpeFRkq1ocU3BZLGYti8GT29j0z9i966Z5CpRknilvw7amHIZiUGfPoiWJm3zHu8J9P6m7d/4</wsse:BinarySecurityToken>
<ds:Signature xmlns:ds="http://www.w3.org/2000/09/xmldsig#"
Id="SIG-33a47876-703a-4680-b530-cacf229dc060">
<ds:SignedInfo>
<ds:CanonicalizationMethod Algorithm="http://www.w3.org/2001/10/xml-exc-c14n#">
<ec:InclusiveNamespaces xmlns:ec="http://www.w3.org/2001/10/xml-exc-c14n#" PrefixList="S12"/>
</ds:CanonicalizationMethod>
<ds:SignatureMethod Algorithm="http://www.w3.org/2001/04/xmldsig-more#rsa-sha256"/>
<ds:Reference URI="#phase4-msg-9f3532ac-0142-403b-bada-1cf2e14713f2">
<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>bF6FHRpW7aZPv1Efx0jghVo7pisu438VfCzWJyoNNw</ds:DigestValue>
</ds:Reference>
<ds:Reference URI="#id-9b6b4539-7df7-4f3c-829b-3faae09dbce6">
<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>GmVN07wy/2WA5WuJNB6K+eUcGeoGxWbm6hgy6eWybOl=</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/xmldsig#sha256"/>
<ds:DigestValue>yqDt8JU9CgV+e+tbUO3wVj/811CUMDvel8LpSJ14o=</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/xmldsig#sha256"/>
<ds:DigestValue>r7CBJboV5qfQij53dkc1t13rbaTa3dKKqkCR5ankrf0=</ds:DigestValue>
</ds:Reference>
</ds:SignedInfo>
<ds:SignatureValue>N/MfkJKL5EdsL3j0YsEuYu0O5LC/pRdbovrqOKn2Uulmo0WisGZhonVDVaVNLqd0W8X4yAEf72GGzTyL4wZt79LIsMnnDSIGHBEWCF+6C9mkukITdwKz3y+ajlirLJ
fh6TLccJsnqO2FvdjFd9og59mD1RqjxKVFI07OW41oby5hNfPTB6jgllyOyHTb5fyvbZgAmCscE1fshbJzSqC/7W6K/24VG7z2UDUjRfNsABeT+Wi1NqTMgzfqsDofQpuqFcZSnWXWld+g
FjbJneHthnalN/g8NABAYgmj/oeHJa+NZNegBCVjAcfV9rPyyPaXpEhT1Z4QwxhBx82mQ==</ds:SignatureValue>
<ds:KeyInfo Id="KI-4168be55-e84c-4536-9ced-b1afbeb48557">
<wsse:SecurityTokenReference wsu:Id="STR-0b15484c-3575-4317-99e5-7e2fae9bc39c">
<wsse:Reference URI="#X509-0eb184fb-c3df-4efd-be0a-d4d34e5b7859"
ValueType="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-x509-token-profile-1.0#X509v3"/>
</wsse:SecurityTokenReference>
</ds:KeyInfo>
</ds:Signature>
</wsse:Security>
2019-08-08 12:51:15,747: INFO - =====
2019-08-08 12:51:15,753: INFO - AS4 message id: 4ee4c615-1200-4a56-b07c-c328de8f5671@mindertestbed.org
2019-08-08 12:51:15,758: INFO - =====
2019-08-08 12:51:15,777: INFO - Attachments:
2019-08-08 12:51:15,782: INFO - =====
2019-08-08 12:51:15,792: INFO - Attachment ID: <xmldata@minder>, MimeType: application/gzip
2019-08-08 12:51:15,797: INFO - Compressed HEX payload: 1F8B0800000000000000B3C9CDDCCB3B349492DB22B4ECC2DC849B5D107B16DF441C2007E6CD3781C000000
2019-08-08 12:51:15,802: INFO - Decompressed Payload: <min><der>sample</der></min>
2019-08-08 12:51:15,807: INFO -
2019-08-08 12:51:15,812: INFO - =====
2019-08-08 12:51:15,818: INFO - Attachment ID: <custompayload@minder>, MimeType: application/gzip
2019-08-08 12:51:15,823: INFO - Compressed HEX payload:
1F8B0800000000000000535454F0CD4FC94CAB54C84D55484C2B492D5228E4DCACD2C2ECECCCFD351C84C53A8CC2F5548492C4A555404006FDED25E2C000000
2019-08-08 12:51:15,829: INFO - Decompressed Payload: !! Modify me after submission, if you dare!!
2019-08-08 12:51:15,834: INFO -
2019-08-08 12:51:15,839: INFO - =====
2019-08-08 12:51:15,844: INFO - =====
2019-08-08 12:51:15,850: INFO - Forward message to the other side: 1565268675850
2019-08-08 12:51:15,856: INFO - =====
2019-08-08 12:51:15,861: DEBUG - Assign free vars
2019-08-08 12:51:15,866: INFO - > CALL SLOT as4-adapter|8.sendMessage(byte[])
2019-08-08 12:51:16,018: INFO - < SLOT CALLED as4-adapter|8.sendMessage(byte[])
2019-08-08 12:51:16,023: INFO - < Rivet finished successfully
2019-08-08 12:51:16,028: INFO - -----
2019-08-08 12:51:16,033: INFO - > RUN RIVET 3
2019-08-08 12:51:16,038: DEBUG - > Wait For Signal:as4-adapter|8.replyReceived(byte[])
2019-08-08 12:51:16,044: DEBUG - < Signal Arrived: as4-adapter|8.replyReceived(byte[])
2019-08-08 12:51:16,049: INFO - Received Receipt: 1565268676049
2019-08-08 12:51:16,055: INFO - =====
2019-08-08 12:51:16,060: INFO - RECEIPT:
2019-08-08 12:51:16,066: INFO - <?xml version="1.0" encoding="UTF-8"?>
<eb:Messaging xmlns:eb="http://docs.oasis-open.org/ebxml-msg/ebms/v3.0/ns/core/200704"
xmlns:S11="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:ebbp="http://docs.oasis-open.org/ebxml-bp/ebbp-signals-2.0"
xmlns:S12="http://www.w3.org/2003/05/soap-envelope"
xmlns:wsu="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-wssecurity-utility-1.0.xsd"
xmlns:ds="http://www.w3.org/2000/09/xmldsig#"
xmlns:xlink="http://www.w3.org/1999/xlink"
S12:mustUnderstand="true"
wsu:Id="phase4-msg-d387c680-a547-4b6d-8927-206875992926">
<eb:SignalMessage>
<eb:MessageInfo>
<eb:Timestamp>2019-08-08T12:51:21.036</eb:Timestamp>
<eb:MessageId>2a55239e-a05c-434f-9de9-b86af8d6b408@phase4</eb:MessageId>
<eb:RefToMessageId>4ee4c615-1200-4a56-b07c-c328de8f5671@mindertestbed.org</eb:RefToMessageId>
<eb:MessageInfo>
<eb:Receipt>
<ebbp:NonRepudiationInformation>
<ebbp:MessagePartNRInformation>
<ds:Reference URI="#phase4-msg-9f3532ac-0142-403b-bada-1cf2e14713f2">
<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>bF6FHRpW7aZPvI1Efx0jghVo7pisu438VfCzWJyoNNw=</ds:DigestValue>
</ds:Reference>
</ebbp:MessagePartNRInformation>
<ebbp:MessagePartNRInformation>
<ds:Reference URI="#id-9b6b4539-7df7-4f3c-829b-3fae09dbce6">
<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>GmVN07wy/2WA5WuJNB6K+eUCeoGxwBm6ghy6eWybOI=</ds:DigestValue>
</ds:Reference>
</ebbp:MessagePartNRInformation>
<ebbp:MessagePartNRInformation>
<ds:Reference URI="cid:xmldata@minder">
<ds:Transforms>
<ds:Transform Algorithm="http://docs.oasis-open.org/wss/oasis-wss-SwAPProfile-1.1#Attachment-Content-Signature-Transform"/>
</ds:Transforms>
<ds:DigestMethod Algorithm="http://www.w3.org/2001/04/xmldsig#sha256"/>
<ds:DigestValue>yqDt8JU9CgV+e+tbUO3wVj/811CUMDvel8LpSJ14o=</ds:DigestValue>
</ds:Reference>
</ebbp:MessagePartNRInformation>
<ebbp:MessagePartNRInformation>
<ds:Reference URI="cid:custompayload@minder">
<ds:Transforms>
<ds:Transform Algorithm="http://docs.oasis-open.org/wss/oasis-wss-SwAPProfile-1.1#Attachment-Content-Signature-Transform"/>
</ds:Transforms>
<ds:DigestMethod Algorithm="http://www.w3.org/2001/04/xmldsig#sha256"/>
<ds:DigestValue>yqDt8JU9CgV+e+tbUO3wVj/811CUMDvel8LpSJ14o=</ds:DigestValue>
</ds:Reference>
</ebbp:MessagePartNRInformation>
<ebbp:MessagePartNRInformation>
<ds:Reference URI="cid:custompayload@minder">
```



```
<ds:Transforms>
<ds:Transform Algorithm="http://docs.oasis-open.org/wss/oasis-wss-SwAProfile-1.1#Attachment-Content-Signature-Transform"/>
</ds:Transforms>
<ds:DigestMethod Algorithm="http://www.w3.org/2001/04/xmlenc#sha256"/>
<ds:DigestValue>7CBjbov5qQij53dkc1t13rbaTa3dKkqkCR5ankrf0=</ds:DigestValue>
</ds:Reference>
</ebbp:MessagePartNRInformation>
</ebbp:NonRepudiationInformation>
</eb:Receipt>
</eb:SignalMessage>
</eb:Messaging>
2019-08-08 12:51:16,072: INFO - =====
2019-08-08 12:51:16,077: DEBUG - Assign free vars
2019-08-08 12:51:16,082: INFO - > CALL SLOT as4-adapter|8.sendResponse(byte[])
2019-08-08 12:51:16,089: INFO - < SLOT CALLED as4-adapter|8.sendResponse(byte[])
2019-08-08 12:51:16,094: INFO - < Rivet finished sucessfully
2019-08-08 12:51:16,099: INFO - -----

2019-08-08 12:51:16,104: INFO - > RUN RIVET 4
2019-08-08 12:51:16,109: DEBUG - > Wait For Signal:genericAS4Corner4|8.receiveMessage(esens.wp6.esensMshBackend.SubmissionData)
2019-08-08 12:51:17,163: DEBUG - < Signal Arrived: genericAS4Corner4|8.receiveMessage(esens.wp6.esensMshBackend.SubmissionData)
2019-08-08 12:51:17,172: INFO - =====
2019-08-08 12:51:17,177: INFO - Corner4 Received Payloads:
2019-08-08 12:51:17,182: INFO - Data
2019-08-08 12:51:17,188: INFO - originalSender: C1
2019-08-08 12:51:17,193: INFO - finalRecipient: C4
2019-08-08 12:51:17,198: INFO - refToMessageId: null
2019-08-08 12:51:17,204: INFO - conversationId: 468509
2019-08-08 12:51:17,209: INFO - messageId: 4ee4c615-1200-4a56-b07c-c328de8f5671 @mindertestbed.org
2019-08-08 12:51:17,214: INFO - to: Minder
2019-08-08 12:51:17,219: INFO - from: null
2019-08-08 12:51:17,224: INFO - pModelId: null
2019-08-08 12:51:17,231: INFO - xmlpayload@minder type: application/xml.
2019-08-08 12:51:17,236: INFO - <min><der>sample</der></min>
2019-08-08 12:51:17,241: INFO - custompayload@minder type: application/octet-stream.
2019-08-08 12:51:17,246: INFO - !! Modify me after submission, if you dare!!
2019-08-08 12:51:17,251: INFO - =====
2019-08-08 12:51:17,256: DEBUG - Assign free vars
2019-08-08 12:51:17,262: INFO - > CALL SLOT NULLADAPTER.NULLSLOT
2019-08-08 12:51:17,267: INFO - < SLOT CALLED NULLADAPTER.NULLSLOT
2019-08-08 12:51:17,272: INFO - < Rivet finished sucessfully
2019-08-08 12:51:17,277: INFO - -----

2019-08-08 12:51:17,282: INFO - > RUN RIVET 5
2019-08-08 12:51:17,288: DEBUG - > Wait For Signal:genericAS4Corner1|8.processNotification(esens.wp6.esensMshBackend.MessageNotification)
2019-08-08 12:51:17,437: DEBUG - < Signal Arrived: genericAS4Corner1|8.processNotification(esens.wp6.esensMshBackend.MessageNotification)
2019-08-08 12:51:17,445: INFO - =====
2019-08-08 12:51:17,451: INFO - Corner1 backend NOTIFICATION
2019-08-08 12:51:17,456: INFO - status: Receipt
2019-08-08 12:51:17,461: INFO - messageId: 4ee4c615-1200-4a56-b07c-c328de8f5671 @mindertestbed.org
2019-08-08 12:51:17,466: INFO - shortDescription: null
2019-08-08 12:51:17,471: INFO - description: null
2019-08-08 12:51:17,477: INFO - =====
2019-08-08 12:51:17,483: DEBUG - Assign free vars
2019-08-08 12:51:17,488: INFO - > CALL SLOT NULLADAPTER.NULLSLOT
2019-08-08 12:51:17,493: INFO - < SLOT CALLED NULLADAPTER.NULLSLOT
2019-08-08 12:51:17,498: INFO - < Rivet finished sucessfully
2019-08-08 12:51:17,504: INFO - -----

2019-08-08 12:51:17,511: INFO - Test #29758 Finished
```

Test Report - AS4_CP_TA02

Overview

Test Group:	AS4 Common Profile Test Assertions
Test Assertion:	AS4_CP_TA02
Test Case:	AS4_CP_TA02_TC01
User:	ROOT
Date:	2019.08.08 12:51:18
System(s) Tested:	1- Phase4

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

Test Assertion Details

TAID:	AS4_CP_TA02
Target:	"Two-Way/Push-and-Push" MEP, CollaborationInfo
Normative Source:	[eDelivery-AS4] "Message Exchange Patterns: • One Way / Push • Two Way / Push-and-Push" And "AS4 provides multiple mechanisms to correlate messages within a particular flow. 1. eb:UserMessage/eb:MessageInfo/eb:RefToMessageId provides a way to express that a message is a response to a single specific previous message. Presence of an eb:RefToMessageId is required in response messages in Two Way message exchanges. By default, exchanges are considered One Way."
Prescription Level:	Mandatory
Prerequisite:	• SSMH and RSMH are configured to exchange AS4 messages according to the eDelivery AS4 profile: Two-Way/Push-and-Push MEP. • SSMH sends an AS4 User Message (M1 with ID MESSAGEID) that requires a consumer response to the RSMH.
Predicate:	The RSMH sends back a User Message (M2) with element REFTOMESSAGEID set to the same value as MESSAGEID (of M1).
Variables:	MESSAGEID: XML element of AS4 user message (M1) Messaging/UserMessage/MessageInfo/MessageId REFTOMESSAGEID: XML element of AS4 user message (M2) Messaging/UserMessage/MessageInfo/RefToMessageId
Tag:	Message Exchange pattern, Two-Way/Push-and-Push, correlation

Request/Response


```
MimeType="application/gzip"
Type="http://docs.oasis-open.org/wss/oasis-wss-SwAProfile-1.1#Attachment-Content-Only">
<xenc:EncryptionMethod Algorithm="http://www.w3.org/2009/xmlenc11#aes128-gcm"/>
<ds:KeyInfo xmlns:ds="http://www.w3.org/2000/09/xmldsig#">
<wsse:SecurityTokenReference xmlns:wsse11="http://docs.oasis-open.org/wss/oasis-wss-wssecurity-secext-1.1.xsd"
wsse11:TokenType="http://docs.oasis-open.org/wss/oasis-wss-soap-message-security-1.1#EncryptedKey">
<wsse:Reference URI="#EK-0366cbcf-7efc-4dcb-ae47-c57f3c0692a6"/>
</wsse:SecurityTokenReference>
</ds:KeyInfo>
<xenc:CipherData>
<xenc:CipherReference URI="cid:custompayload@minder">
<xenc:Transforms>
<ds:Transform xmlns:ds="http://www.w3.org/2000/09/xmldsig#"
Algorithm="http://docs.oasis-open.org/wss/oasis-wss-SwAProfile-1.1#Attachment-Ciphertext-Transform"/>
</ds:Transforms>
</xenc:CipherReference>
</xenc:CipherData>
</xenc:EncryptedData>
<xenc:EncryptedData xmlns:xenc="http://www.w3.org/2001/04/xmlenc#"
Id="ED-1fdb34d8-f109-40d9-a014-ba53bc187e98"
MimeType="application/gzip"
Type="http://docs.oasis-open.org/wss/oasis-wss-SwAProfile-1.1#Attachment-Content-Only">
<xenc:EncryptionMethod Algorithm="http://www.w3.org/2009/xmlenc11#aes128-gcm"/>
<ds:KeyInfo xmlns:ds="http://www.w3.org/2000/09/xmldsig#">
<wsse:SecurityTokenReference xmlns:wsse11="http://docs.oasis-open.org/wss/oasis-wss-wssecurity-secext-1.1.xsd"
wsse11:TokenType="http://docs.oasis-open.org/wss/oasis-wss-soap-message-security-1.1#EncryptedKey">
<wsse:Reference URI="#EK-0366cbcf-7efc-4dcb-ae47-c57f3c0692a6"/>
</wsse:SecurityTokenReference>
</ds:KeyInfo>
<xenc:CipherData>
<xenc:CipherReference URI="cid:xmllpayload@minder">
<xenc:Transforms>
<ds:Transform xmlns:ds="http://www.w3.org/2000/09/xmldsig#"
Algorithm="http://docs.oasis-open.org/wss/oasis-wss-SwAProfile-1.1#Attachment-Ciphertext-Transform"/>
</ds:Transforms>
</xenc:CipherReference>
</xenc:CipherData>
</xenc:EncryptedData>
<wsse:BinarySecurityToken EncodingType="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-soap-message-security-1.0#Base64Binary"
ValueType="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-x509-token-profile-1.0#X509v3"
wsu:Id="X509-eeae52ef-5865-42c1-920d-91ff5c067eea">MIIDdzCCAl+gAwIBAgIEWYzEPjANBgkqhkiG9w0BAQsFADBsMQswCQYDVQQGEWJFVJTERMA8GA1UECBMlcGhvc3MtYzlxETAPBgNVBAClTCHBob3NzLWMyMREwD
wYDVQQKEWhwaG9zcy1jMjERMA8GA1UECXMlcGhvc3MtYzlxETAPBgNVBAMTCHBob3NzLWMyMREwDwYDVQQHEDBhbmMkGA1UEBHMCRVUxETAPBgNVBAGTCHBob3NzLWMyMREwDwYDVQ
QHEWhwaG9zcy1jMjERMA8GA1UECXMlcGhvc3MtYzlxETAPBgNVBAsTCCHBob3NzLWMyMREwDwYDVQQDEWhwaG9zcy1jMjCCASiWdQYJKoZIhvcNAQEBBQADggEPADCCAQoCggEBA
Ii2bXkvxZUZYaMsDjQdQWdQSCA0fRV7z6eQNJpL6PH7OUOjaErIl/sDz5oHMTT/YbAqk9ZpqIFkb05ZrnNBkaONLC/TMX
q8pcZP2IKyO6p05Y27ZKlpuWVv08+xttYTK+QGWOAZKEOU3Zw7e7UnL0SPuMzA4pLuSf54oIjGzoUBWYR6JPJUaUalWbCK7+irDN95F4soCYAggP3jIwalWiJmJHZC4dqNk2S3ev3D5/chxm
EApXBXFFQoXoNk047XqGL5U2gqNKwUIOeCvLw+1CJKAAGCJzwfEIM1i+FsPQ0PbvZ2xJgXJleoZY57IplV1Cv8736Q++cekCtDaq93cCAwEAAaMhMB8wHQYDVR0OBBYEFDFWvAD1
9ajj0OrgyeV5lrrkkQqYOMA0GCSqGSIb3DQEBBCwAA4IBAQB+9+cI0fGG3un06F18KdsAcnx+a8Ra0SUQpmYuXBfGwxjUn/7IUANARxoo1KUa1dLYRt9GMjJelPY/hZmtaSpptychSuB1I9rN
aU1lN8rVWkK3mEArWfY0eNPHvSUBnTJaTdwyUvQeLDXIKJEhcVvHbUiCaRsWPGOPUUF7/1L7JBTHStB3RPCi8kDi2kCQzBWVMSb83aURq/+fj84jC1xsQMWFIIQx0A0mqRmTnTQ5g
HCkjtJfOpKpx8YKWLh+Vx5yV7nGiiF+gz7OpeFRkq1ocU3BZLGYti8GT29j0z9i9662C5Pknrlv7amHIZiUGfPoiWJm3zHu8J9P6m7d/4</wsse:BinarySecurityToken>
</ds:Signature xmlns:ds="http://www.w3.org/2000/09/xmldsig#"
Id="SIG-7439217a-ef48-46d8-8071-6d1b9a54ef39">
<ds:SignedInfo>
<ds:CanonicalizationMethod Algorithm="http://www.w3.org/2001/10/xml-exc-c14n#">
<ec:InclusiveNamespaces xmlns:ec="http://www.w3.org/2001/10/xml-exc-c14n#" PrefixList="S12"/>
</ds:CanonicalizationMethod>
<ds:SignatureMethod Algorithm="http://www.w3.org/2001/04/xmldsig-more#rsa-sha256"/>
<ds:Reference URI="#phase4-msg-a6f09660-6cea-4ebe-b751-25441c1165c0">
<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>QDzsrcB0IA9BJPK61rXmkUaRKV486T/GGa7Xp+FLGyc=</ds:DigestValue>
</ds:Reference>
<ds:Reference URI="#id-43bdea66-b4ab-47f0-8564-ed984a5297cb">
<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>ook/FDzbGnR4+aUmAQLuKh/CCNe8jO9Dzn0Lacbcx=</ds:DigestValue>
</ds:Reference>
<ds:Reference URI="cid:xmllpayload@minder">
<ds:Transforms>
<ds:Transform Algorithm="http://docs.oasis-open.org/wss/oasis-wss-SwAProfile-1.1#Attachment-Content-Signature-Transform"/>
</ds:Transforms>
<ds:DigestMethod Algorithm="http://www.w3.org/2001/04/xmlenc#sha256"/>
<ds:DigestValue>yqDt8JU9CgV+e+tbFUO3wVjI811CUMDvel8LpSJ14o=</ds:DigestValue>
</ds:Reference>
<ds:Reference URI="cid:custompayload@minder">
<ds:Transforms>
<ds:Transform Algorithm="http://docs.oasis-open.org/wss/oasis-wss-SwAProfile-1.1#Attachment-Content-Signature-Transform"/>
</ds:Transforms>
<ds:DigestMethod Algorithm="http://www.w3.org/2001/04/xmlenc#sha256"/>
<ds:DigestValue>r7CBJbov5qfQij53dkc1t13rbaTa3dKkqkCR5ankrf0=</ds:DigestValue>
</ds:Reference>
</ds:SignedInfo>
<ds:SignatureValue>bfiisSOQbTPHY+wMeAvILRYW7ZyC2QfTdTWEBq8+boOfVv3lxit8FJcl+Dvivi5wOFe2s1fxok8r+Tentd/e3Se1d73sdUVRKrEIAMcyueVqa9LZtVrM21oEDBwifvRPw
UTwUDN4uEyDUVKrZf33Z2pKoz9+SufVygKG2WQO7aHp8wKbetSZJUJmWzhdNRZUQ+CuT+XorgWdXGT20MatpA9K8nkVh4g2BJopLY6PDiEuVGCGRM0AN73BcqL1JZdsPbxUduo
Shfiy2zWmcYqOR5wpT1CTA380WgPsw5FtFNFwH/TMHNjDyFdpRdorkSigmaBcFgS12WfUk4dJrkcg=</ds:SignatureValue>
<ds:KeyInfo Id="KI-afae0fa1-9791-4187-ae1f-e2fdb51e54d5">
<wsse:SecurityTokenReference wsu:Id="STR-761955f9-879b-4ae9-bdf1-6c9d009a1bdf">
<wsse:Reference URI="#X509-eeae52ef-5865-42c1-920d-91ff5c067eea"
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:S11="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:ebbp="http://docs.oasis-open.org/ebxml-bp/ebbp-signals-2.0"
xmlns:wsu="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-wssecurity-utility-1.0.xsd"
xmlns:ds="http://www.w3.org/2000/09/xmldsig#"
xmlns:xlink="http://www.w3.org/1999/xlink"
S12:mustUnderstand="true"
wsu:Id="phase4-msg-a6f09660-6cea-4ebe-b751-25441c1165c0">
```

```
<eb:UserMessage>  
<eb:MessageInfo>  
<eb:Timestamp>2019-08-08T12:51:26.324</eb:Timestamp>  
<eb:MessageId>b9e06a17-2f90-4e2c-b5f4-947d32fbdc28@mindentestbed.org</eb:MessageId>  
</eb:MessageInfo>  
<eb:PartyInfo>  
<eb:From>  
<eb:PartyId>phoss-c2</eb:PartyId>  
<eb:Role>http://www.esens.eu/as4/conformancetest/sut</eb:Role>  
</eb:From>  
<eb:To>  
<eb:PartyId>phoss-c3</eb:PartyId>  
<eb:Role>http://docs.oasis-open.org/ebxml-msg/ebms/v3.0/ns/core/200704/responder</eb:Role>  
</eb:To>  
</eb:PartyInfo>  
<eb:CollaborationInfo>  
<eb:AgreementRef pmode="phoss-c2-phoss-c3">urn:as4:agreement</eb:AgreementRef>  
<eb:Service>SRV_SIMPLE_TWOWAY</eb:Service>  
<eb>Action>ACT_SIMPLE_TWOWAY</eb>Action>  
<eb:ConversationId>967722</eb:ConversationId>  
</eb:CollaborationInfo>  
<eb:MessageProperties>  
<eb:Property name="originalSender">C1</eb:Property>  
<eb:Property name="finalRecipient">C4</eb:Property>  
</eb:MessageProperties>  
<eb:PayloadInfo>  
<eb:PartInfo href="cid:xmldata@mind">  
</eb:PartInfo>  
<eb:PartProperties>  
<eb:Property name="MimeType">application/xml</eb:Property>  
<eb:Property name="CharacterSet">ISO-8859-1</eb:Property>  
<eb:Property name="CompressionType">application/gzip</eb:Property>  
</eb:PartProperties>  
</eb:PartInfo>  
<eb:PartInfo href="cid:custompayload@mind">  
</eb:PartInfo>  
<eb:PartProperties>  
<eb:Property name="MimeType">application/octet-stream</eb:Property>  
<eb:Property name="CharacterSet">ISO-8859-1</eb:Property>  
<eb:Property name="CompressionType">application/gzip</eb:Property>  
</eb:PartProperties>  
</eb:PartInfo>  
</eb:PayloadInfo>  
</eb>UserMessage>  
</eb:Messaging>  
</S12:Header>  
2019-08-08 12:51:21,561: INFO - =====  
2019-08-08 12:51:21,566: DEBUG - Assign free vars  
2019-08-08 12:51:21,571: INFO - > CALL SLOT as4-adapter[8.sendMessage(byte[])  
2019-08-08 12:51:21,738: INFO - < SLOTT CALLED as4-adapter[8.sendMessage(byte[])  
2019-08-08 12:51:21,743: INFO - < Rivet finished successfully  
2019-08-08 12:51:21,748: INFO - -----  
  
2019-08-08 12:51:21,753: INFO - > RUN RIVET 3  
2019-08-08 12:51:21,759: DEBUG - > Wait For Signal:as4-adapter[8.replyReceived(byte[])  
2019-08-08 12:51:21,764: DEBUG - < Signal Arrived: as4-adapter[8.replyReceived(byte[])  
2019-08-08 12:51:21,771: INFO - =====  
2019-08-08 12:51:21,776: INFO - RECEIPT:  
2019-08-08 12:51:21,781: INFO - <?xml version="1.0" encoding="UTF-8"?>  
<S12:Header xmlns:S12="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"  
xmlns:wsu="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-wssecurity-utility-1.0.xsd"  
S12:mustUnderstand="true">  
<wsse:BinarySecurityToken EncodingType="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-soap-message-security-1.0#Base64Binary"  
ValueType="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-x509-token-profile-1.0#X509v3"  
wsu:Id="X509-0d656c3d-369d-4819-b96d-5731c19fe49e">MIIDZCCAI+gAwIBAgIEA5bQAJANBgkqhkiG9w0BAQsFADBsMQswCQYDVQQGEWJFVTERMA8GA1UECBMicGhvcc3MtyZmxETAPBgNVBAMTCCHBob3NzLWMzMREwDwYDVQQKEWhwaG9zcycy1jMzERMA8GA1UECXMicGhvcc3MtyZmxETAPBgNVBAsTCCHBob3NzLWMzMREwDwYDVQQDEWhwaG9zcycy1jMzERMA8GA1UECmEBAjRnRWo9a7DiX0yH-0ACnX8hUbbtCHluiSdeucPI2fnfWh8XorPka5rSIRJb61bU6AC/pNFK3EdtlhPxFs5AjzJ6c5U8okM36f8Jzdry5hf0dtQqRlnTBXNGaE2xqvdrJhiZPHguNYe7sRgAyd2KfVRuXAqBuAD23DBG9X1r8dDscSAPnrUx4LF8SIqqwrSbtK0OU1fykoADsoDZhxrkVc3oDHEMMM4klOb9/GWmfChAzGSUjY15PG21IjWCRDIac3/AjOMIMMWzeWDvUFxp2doQ11Au9L3bblyp7DYAbtvASwLK5qJqfVX0u3Fxos5BkkeloF5TH4n0RmLKOAYcCAEAaMhMB8WHQYDVR0OBByEFPPZzbvaU9/2QALJmqMcKtSgdSxG/MAOGCSQSglb3DQEBCwUA4IBAQBHGwsgC7vPMYru8b4Cgv3E3YeXIUPDYn3JOBDZJevBHsSIFPJdz7lb1EGCb8yIXD0d6/atwTbiX2+P+od3q+4/ZuB2ktGJSdr51lQRm/DhaJo/3GL7GcmSASWG3YjffX1/Yu6Voga/sZYmflvrnatHuD1YG4cz6zf5P3vw0xVHNTITtDB8Zp9mPKPKJ3m2sOFil2JODzAgoTt/GeZaXHPVU58bQ+KiZ8EvZvPoPiXty4aUlxd4dILSEGHndqpfo6VVLBYM43DUwfob4i9Iyibn6IZKdAc3GSZIDkZsvTImbeUe2QN+smp3VrpL3fMU9ig182UqlDHCmgx17/hajJji+</wsse:BinarySecurityToken>  
</ds:Signature xmlns:ds="http://www.w3.org/2000/09/xmldsig#">  
Id="SIG-4bc43f1d-08a9-4db0-9963-47c81320431a">  
</ds:SignedInfo>  
<ds:CanonicalizationMethod Algorithm="http://www.w3.org/2001/10/xml-exc-c14n#">  
<ec:InclusiveNamespaces xmlns:ec="http://www.w3.org/2001/10/xml-exc-c14n#" PrefixList="S12"/>  
</ds:CanonicalizationMethod>  
<ds:SignatureMethod Algorithm="http://www.w3.org/2001/04/xmldsig-more#rsa-sha256"/>  
<ds:Reference URI="#phase4-msg-299aed69-b39a-4c2c-af99-3cb614d126f5">  
<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/xmllenc#sha256"/>  
<ds:DigestValue>RadFyoh3ZSVRSXTREN+aTdL48HWm6em5YinGQo2eo4E=</ds:DigestValue>  
</ds:Reference>  
<ds:Reference URI="#id-0ce316e8-c1c3-4f37-b40f-1ea11d7bcd8f">  
<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/xmllenc#sha256"/>  
<ds:DigestValue>sx8PeP8VsZguMXrax7KLrtHRzgQWeRupbLHXhoN2ECA=</ds:DigestValue>  
</ds:Reference>  
</ds:SignedInfo>  
<ds:SignatureValue>BfwT345/OXTGChsY8hY532PH2jr/nSPoMjwlGTszP/8/L4MLpLwZC.JrjAznWelWSYPCKw9uDva8lkqxll4nQLqomqhr/A83fl0geSqVWgRZY+y94ISYV8q2iyBE8Oz+9gZ.GliuJGxD7X+CpgbB2y6gHzWRZngW870X7HayzuczKvQr1+AqSTgZ+OHdFt6EKId24b0SUQNrhh8zaBXL4BJ3ftM82dhDv93IWjXGq+S7YM3TaE+ndZeIm+Up18VDV0ZhViYRBbKSjYoD.  
Gluu8K6Q3QGCTcyN30ike4KK11sv2YZEDCFhIGfthUbJv7eXKB6DHF3M35EBmt6WJQ==</ds:SignatureValue>  
<ds:KeyInfo Id="KI-5aa2817d-f94d-464e-a4f9-f4a95b627bce">  
<wsse:SecurityTokenReference wsu:Id="STR-c457790f-f3f9-4f14-9431-d62a9486d9c4">  
<wsse:Reference URI="#X509-0d656c3d-369d-4819-b96d-5731c19fe49e"  
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:S11="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:ebbp="http://docs.oasis-open.org/ebxml-bp/ebbp-signals-2.0"
xmlns:wsu="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-wssecurity-utility-1.0.xsd"
xmlns:ds="http://www.w3.org/2000/09/xmldsig#"
xmlns:xlink="http://www.w3.org/1999/xlink"
S12:mustUnderstand="true"
wsu:Id="phase4-msg-299aed69-b39a-4c2c-af99-3cb614d126f5">
<eb:SignalMessage>
<eb:MessageInfo>
<eb:Timestamp>2019-08-08T12:51:26.725</eb:Timestamp>
<eb:MessageId>cf4b226a-cec7-4671-9d3d-7d7f6a14b51c@phase4</eb:MessageId>
<eb:RefToMessageId>b9e06a17-2f90-4e2c-b5f4-947d32fbdc28@mindertestbed.org</eb:RefToMessageId>
</eb:MessageInfo>
<eb:Receipt>
<ebbp:NonRepudiationInformation>
<ebbp:MessagePartNRInformation>
<ds:Reference URI="#phase4-msg-a6f09660-6cea-4ebe-b751-25441c1165c0">
<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>QDzsrcB0IA9BJPK61rXmkUaRKV486T/GGa7Xp+FLGyc=</ds:DigestValue>
</ds:Reference>
</ebbp:MessagePartNRInformation>
<ebbp:MessagePartNRInformation>
<ds:Reference URI="#id-43bdea66-b4ab-47f0-8564-ed984a5297cb">
<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>/ook/FDzbGnR4+aUmAQLuKh/tCCNe8jO9Dzn0Lacbxcc=</ds:DigestValue>
</ds:Reference>
</ebbp:MessagePartNRInformation>
<ebbp:MessagePartNRInformation>
<ds:Reference URI="cid:xmldata@minder">
<ds:Transforms>
<ds:Transform Algorithm="http://docs.oasis-open.org/wss/oasis-wss-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>
</ebbp:MessagePartNRInformation>
<ebbp:MessagePartNRInformation>
<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>r7CBjboV5qfQij53dkc1t13rbaTa3dKkqkCR5ankrf0=</ds:DigestValue>
</ds:Reference>
</ebbp:MessagePartNRInformation>
<ebbp:NonRepudiationInformation>
</eb:Receipt>
</eb:SignalMessage>
</eb:Messaging>
</S12:Header>
2019-08-08 12:51:21,786: INFO - =====
2019-08-08 12:51:21,792: DEBUG - Assign free vars
2019-08-08 12:51:21,797: INFO - > CALL SLOT as4-adapter|8.sendResponse(byte[])
2019-08-08 12:51:21,803: INFO - < SLOT CALLED as4-adapter|8.sendResponse(byte[])
2019-08-08 12:51:21,808: INFO - < Rivet finished successfully
2019-08-08 12:51:21,813: INFO - -----

2019-08-08 12:51:21,818: INFO - > RUN RIVET 4
2019-08-08 12:51:21,824: DEBUG - > Wait For Signal:genericAS4Corner4|8.receiveMessage(esens.wp6.esensMshBackend.SubmissionData)
2019-08-08 12:51:22,880: DEBUG - < Signal Arrived: genericAS4Corner4|8.receiveMessage(esens.wp6.esensMshBackend.SubmissionData)
2019-08-08 12:51:22,890: INFO - =====
2019-08-08 12:51:22,895: INFO - Corner4 Received Payloads:
2019-08-08 12:51:22,900: INFO - Data
2019-08-08 12:51:22,905: INFO - originalSender: C1
2019-08-08 12:51:22,910: INFO - finalRecipient: C4
2019-08-08 12:51:22,916: INFO - conversationId: 967722
2019-08-08 12:51:22,921: INFO - messageId: b9e06a17-2f90-4e2c-b5f4-947d32fbdc28@mindertestbed.org
2019-08-08 12:51:22,926: INFO - =====
2019-08-08 12:51:22,932: INFO - payloadId: xmldata@minder == type: application/xml.
2019-08-08 12:51:22,937: INFO - <min><der>sample</der></min>
2019-08-08 12:51:22,943: INFO - =====
2019-08-08 12:51:22,948: INFO - payloadId: custompayload@minder == type: application/octet-stream.
2019-08-08 12:51:22,953: INFO - !! Modify me after submission, if you dare!!
2019-08-08 12:51:22,958: INFO - =====
2019-08-08 12:51:22,963: DEBUG - Assign free vars
2019-08-08 12:51:22,968: INFO - > CALL SLOT NULLADAPTER.NULLSLOT
2019-08-08 12:51:22,974: INFO - < SLOT CALLED NULLADAPTER.NULLSLOT
2019-08-08 12:51:22,979: INFO - < Rivet finished successfully
2019-08-08 12:51:22,984: INFO - -----

2019-08-08 12:51:22,989: INFO - > RUN RIVET 5
2019-08-08 12:51:22,994: DEBUG - > Wait For Signal:genericAS4Corner1|8.processNotification(esens.wp6.esensMshBackend.MessageNotification)
2019-08-08 12:51:23,360: DEBUG - < Signal Arrived: genericAS4Corner1|8.processNotification(esens.wp6.esensMshBackend.MessageNotification)
2019-08-08 12:51:23,369: INFO - Corner1 backend NOTIFICATION
2019-08-08 12:51:23,374: INFO - status: Receipt
2019-08-08 12:51:23,379: INFO - messageId: b9e06a17-2f90-4e2c-b5f4-947d32fbdc28@mindertestbed.org
2019-08-08 12:51:23,384: INFO - shortDescription: null
2019-08-08 12:51:23,390: INFO - description: null
2019-08-08 12:51:23,395: DEBUG - Assign free vars
2019-08-08 12:51:23,400: INFO - > CALL SLOT NULLADAPTER.NULLSLOT
2019-08-08 12:51:23,405: INFO - < SLOT CALLED NULLADAPTER.NULLSLOT
2019-08-08 12:51:23,411: INFO - < Rivet finished successfully
2019-08-08 12:51:23,416: INFO - -----

2019-08-08 12:51:23,421: INFO - > RUN RIVET 6
2019-08-08 12:51:23,426: DEBUG - Assign free vars
2019-08-08 12:51:23,431: INFO - > CALL SLOT genericAS4Corner4|8.submitMessage(esens.wp6.esensMshBackend.SubmissionData)
```

```
2019-08-08 12:51:23,660: INFO - < SLOT CALLED genericAS4Corner4[8.submitMessage(esens.wp6.esensMshBackend.SubmissionData)
2019-08-08 12:51:23,665: INFO - < Rivet finished successfully
2019-08-08 12:51:23,671: INFO - -----
```



```
<ds:SignedInfo>
<ds:CanonicalizationMethod Algorithm="http://www.w3.org/2001/10/xml-exc-c14n#">
<ec:InclusiveNamespaces xmlns:ec="http://www.w3.org/2001/10/xml-exc-c14n#" PrefixList="S12"/>
</ds:CanonicalizationMethod>
<ds:SignatureMethod Algorithm="http://www.w3.org/2001/04/xmldsig-more#rsa-sha256"/>
<ds:Reference URI="#phase4-msg-6a72e11c-b589-4029-911b-1750c4755d1b">
<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>NxgNq3A6XfHf/0MXNxibyDZ2CGJdXAVL7FY7VL1hMI=</ds:DigestValue>
</ds:Reference>
<ds:Reference URI="#id-fc978a6a-901f-488c-87f1-304c97612514">
<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>ayDMHU3LspR0LYfmpIreJAa55p59TpI3PS5I5UOkBVE=</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+tbfUO3wVj/I811CUMDvel8LpSJ4o=</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>r7CJBov5qfQij53dkc1t13rbaTa3dKkqkCR5ankrf0=</ds:DigestValue>
</ds:Reference>
</ds:SignedInfo>
<ds:SignatureValue>Wf/ZjuddSq7k84U9lt9jSa4BscOh2FNrJjooUU/jfi9e0rCTNxYAdoSGBIXOR42mkjBqFE1EHIAglfQWgPmfzGoYd066jPSASuaOPMLqoOhvEIIsmrOnautZttWyKjKtU
Wrip1FgXLEnB79ZmvoMA/e1g2+bS5kl/+omyWpzUY3WH6qN8qJG0GepOGZfZYrF7+i9wKrFBbWCSWRrmHgE8g7olo/sYuht0GOPME4B8uAG6gXmkbiHdy01WMxvV4BKYN6ouRZd
paKFMK2/ISCXvJW1yKlAXt7A5t1qRNGq2BVJPSTYjZ2SE9HTOWAI2P5Na8N+oK+h24cGESCIptQ==</ds:SignatureValue>
<ds:KeyInfo Id="KI-8e7611b7-dc7c-4355-abfd-35c7ff18ea53">
<wsse:SecurityTokenReference wsu:Id="STR-5bb051c6-a30c-4831-87ed-6bd5ae377a54">
<wsse:Reference URI="#X509-95553323-82c2-463d-ba3c-eff25a094bc2"
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:S11="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:ebbp="http://docs.oasis-open.org/ebxml-bp/ebbp-signals-2.0"
xmlns:wsu="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-wssecurity-utility-1.0.xsd"
xmlns:ds="http://www.w3.org/2000/09/xmldsig#"
xmlns:xlink="http://www.w3.org/1999/xlink"
S12:mustUnderstand="true"
wsu:Id="phase4-msg-6a72e11c-b589-4029-911b-1750c4755d1b">
<eb:UserMessage>
<eb:MessageInfo>
<eb:Timestamp>2019-08-08T12:51:29.596</eb:Timestamp>
<eb:MessageId>6ebb4d20-cd76-4e2e-9656-e6152a8b18b1@mindertestbed.org</eb:MessageId>
<eb:RefToMessageId>b9e06a17-2f90-4e2c-b5f4-947d32fdbc28@mindertestbed.org</eb:RefToMessageId>
</eb:MessageInfo>
<eb:PartyInfo>
<eb:From>
<eb:PartyId>phoss-c3</eb:PartyId>
<eb:Role>http://www.esens.eu/as4/conformancetest/sut</eb:Role>
</eb:From>
<eb:To>
<eb:PartyId>phoss-c2</eb:PartyId>
<eb:Role>http://docs.oasis-open.org/ebxml-msg/ebms/v3.0/ns/core/200704/initiator</eb:Role>
</eb:To>
</eb:PartyInfo>
<eb:CollaborationInfo>
<eb:AgreementRef pmode="phoss-c3-phoss-c2">urn:as4:agreement</eb:AgreementRef>
<eb:Service>SRV_SIMPLE_TWOWAY</eb:Service>
<eb:Action>ACT_SIMPLE_TWOWAY</eb:Action>
<eb:ConversationId>967722</eb:ConversationId>
</eb:CollaborationInfo>
<eb:MessageProperties>
<eb:Property name="originalSender">C4</eb:Property>
<eb:Property name="finalRecipient">C1</eb:Property>
</eb:MessageProperties>
<eb:PayloadInfo>
<eb:PartInfo href="cid:xmlpayload@minder">
<eb:PartProperties>
<eb:Property name="MimeType">application/xml</eb:Property>
<eb:Property name="CharacterSet">ISO-8859-1</eb:Property>
<eb:Property name="CompressionType">application/gzip</eb:Property>
</eb:PartProperties>
</eb:PartInfo>
<eb:PartInfo href="cid:custompayload@minder">
<eb:PartProperties>
<eb:Property name="MimeType">application/octet-stream</eb:Property>
<eb:Property name="CharacterSet">ISO-8859-1</eb:Property>
<eb:Property name="CompressionType">application/gzip</eb:Property>
</eb:PartProperties>
</eb:PartInfo>
</eb:PayloadInfo>
</eb:UserMessage>
</eb:Messaging>
</S12:Header>
2019-08-08 12:51:24,745: INFO - Checking the RefToMessageId in the C3 message ...
2019-08-08 12:51:24,751: INFO - RefToMessageId in C3 message: b9e06a17-2f90-4e2c-b5f4-947d32fdbc28@mindertestbed.org
2019-08-08 12:51:24,756: INFO - messageId in C2 message: b9e06a17-2f90-4e2c-b5f4-947d32fdbc28@mindertestbed.org
2019-08-08 12:51:24,761: INFO - =====
2019-08-08 12:51:24,766: DEBUG - Assign free vars
2019-08-08 12:51:24,771: INFO - > CALL SLOT as4-adapter[8.sendMessage(byte[])]
2019-08-08 12:51:25,030: INFO - < SLOT CALLED as4-adapter[8.sendMessage(byte[])]
```

2019-08-08 12:51:25,035: INFO - < Rivet finished sucessfully
2019-08-08 12:51:25,040: INFO - -----

2019-08-08 12:51:25,046: INFO - > RUN RIVET 8
2019-08-08 12:51:25,051: DEBUG - > Wait For Signal:as4-adapter[8.replyReceived(byte[]]
2019-08-08 12:51:25,056: DEBUG - < Signal Arrived: as4-adapter[8.replyReceived(byte[]]
2019-08-08 12:51:25,063: INFO - =====
2019-08-08 12:51:25,068: INFO - RECEIPT
2019-08-08 12:51:25,073: INFO - <?xml version="1.0" encoding="UTF-8"?>
<S12:Header xmlns:S12="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"
xmlns:wsu="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-wssecurity-utility-1.0.xsd"
S12:mustUnderstand="true">
<wsse:BinarySecurityToken EncodingType="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-soap-message-security-1.0#Base64Binary"
ValueType="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-x509-token-profile-1.0#X509v3"
wsu:Id="X509-9f9e9c3d-2f53-4bd4-bf34-
5b5070e1cc1a">MlIDdzCCAl+gAwlBAglEYwZEPjANBqgkqhkG9w0BAQsFADbSMQswCQYDVQqQGEWJFVTERMA8GA1UECBMlcGhvc3MtYzlxETAPBgNVBACtCHBob3NzLWMyMREw
DwYDVQKEWhwaG9zcy1jMjERMA8GA1UECXMlcGhvc3MtYzlxETAPBgNVBAMTCHBob3NzLWMyMREwDwYDVQKEWhwaG9zcy1jMjERMA8GA1UECXMlcGhvc3MtYzlxETAPBgNVBAsTCHBob3NzLWMyMREwDwYDVQKEWhwaG9zcy1jMj
jCCASiWdQYJKoZIhvcNAQEBBQADggEPADCCAQoCggEBAlI2bKxvzzZUZYaMsdJqDqWdQRCsA0fRV7z6eQNJpl6PH7OuoJaErfl/sDz5oHMTT/YbAqk9ZpqiFkb05ZrnNBkaONLC/TMX
q8pcZP2lKyO6p05Y27ZKlpuWVo8+xttYTk+QGW0AZkEOU3Zw7e7UnL0SpuMzA4pLUsf54oJGzoUBWYR6JPUUalWbCK7+irDN95F4soCYAggP3jlwalWiJmJHZC4dqNk2S3ev3D5/chxm
EApxXBFFQoXoNKO047XqGL5U2gqNKwUIOeCvLw+1CJKA GCJzwfE/IM1i+FsPQ0PbvZ2xJgXJleoZY57lPlV1Cv8736Q++cekCtDaq93cCAwEA AaMhMB8wHQYDVROBBYEFDWvAD1
9aj0iOrgyeV5lrkkQqyYMAOGCCSgGSib3DQEBcWUAA4IBAQB+9+ciofGG3un06FI8KdsAcn+8Ra0SUQpmYuXBfGwxjUn/7IUANARxoo1KUa1dLYRt9GMjJelPY/hZmtaSptychSuB19rN
aU1IN8rVWkK3mEarwFyBoENPhvSUBnTJaTdwyUvQeLDXIKJEhcVvHbUICaRswPGOPUUF7/1L7JBTHStB3RPCi8kDi2kCQzBWVmsb83aURq/+fj84jC1xsQMWFIIQXaA0mqRmTNTQ5g
HCKjTfOPkPpx88YKWLh+/vX5yV7nGiIF+gz7OpeFRkq1ocU3BZLGyti8GT29j0z9i966ZC5pRknIwv7amHIZlUGfPoiWJm3zHu8J9P6m7d/4</wsse:BinarySecurityToken>
<ds:Signature xmlns:ds="http://www.w3.org/2000/09/xmldsig#">
Id="SIG-6b6159a0-ae29-4bce-b4ac-4ae15669f90a">
<ds:SignedInfo>
<ds:CanonicalizationMethod Algorithm="http://www.w3.org/2001/10/xml-exc-c14n#">
<ec:InclusiveNamespaces xmlns:ec="http://www.w3.org/2001/10/xml-exc-c14n#" PrefixList="S12"/>
</ds:CanonicalizationMethod>
<ds:SignatureMethod Algorithm="http://www.w3.org/2001/04/xmldsig-more#rsa-sha256"/>
<ds:Reference URI="#phase4-msg-30db35e5-94eb-4cc9-8349-51caaa3a12bf">
<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>DSEbD5ecBWJ1klkFSjhva+B1HUaAVS2FRVg1h5Oc7eU=</ds:DigestValue>
</ds:Reference>
<ds:Reference URI="#id-62e61fb7-db55-4621-a607-a12485f80148">
<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>IJMmrO4zmA9L8x5xXZeUcnFVhq0AR3njoKt6hCRFo=</ds:DigestValue>
</ds:Reference>
</ds:SignedInfo>
<ds:SignatureValue>DHI3zcPNOxyw4qHBYsQD+MgSUhQGwOd+sOKHkZx2ir+RYkjgJAcYtCTYfD1U6qEAnPmUoCOWlP0lqgO8KKRPRABUbq/SD6xKkO5/FTMthWf6GUFicsz/n+FS+
OVyF7x76EDvryR4VJRHB8TQ3bFeF6KEL77InMk+E+oANGDI9dk2bQSEWJb1S9A4rhBaTu245fSy+t11aWNXVpGQm7vTynjyNZwx4ECwF5DnhW0I2RS8K5hAE5WImrNpIDtiPqlh/pqE
WwdJgu4tZpG0lAN5mFS+HitF12QnsAVJ9bF7NnW9nLM2WmFxr340x1wh293ken99ujWREjfyLdQhA==</ds:SignatureValue>
<ds:KeyInfo Id="KI-fdd56218-3ca1-41eb-9534-b4a2a379397f">
<wsse:SecurityTokenReference wsu:Id="STR-6c58426f-289d-411c-8ba8-989e41ba3d75">
<wsse:Reference URI="#X509-9f9e9c3d-2f53-4bd4-bf34-5b5070e1cc1a"
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:S11="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:ebbp="http://docs.oasis-open.org/ebxml-bp/ebbp-signals-2.0"
xmlns:wsu="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-wssecurity-utility-1.0.xsd"
xmlns:ds="http://www.w3.org/2000/09/xmldsig#">
xmlns:xlink="http://www.w3.org/1999/xlink"
S12:mustUnderstand="true"
wsu:Id="phase4-msg-30db35e5-94eb-4cc9-8349-51caaa3a12bf">
<eb:SignalMessage>
<eb:MessageInfo>
<eb:Timestamp>2019-08-08T12:51:30.020</eb:Timestamp>
<eb:MessageId>b2902c0b-1b98-4efa-a9ae-c80cab3cd7a0@phase4</eb:MessageId>
<eb:RefToMessageId>6ebb4d20-cd76-4e2e-9656-e6152a8b18b1@mindertestbed.org</eb:RefToMessageId>
</eb:MessageInfo>
<eb:Receipt>
<ebbp:NonRepudiationInformation>
<ebbp:MessagePartNRInformation>
<ds:Reference URI="#phase4-msg-6a72e11c-b589-4029-911b-1750c4755d1b">
<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>NxxgNq3A6XfHf/0MXNXibYDZ2CGJQdXAVL7FY7VL1hMl=</ds:DigestValue>
</ds:Reference>
</ebbp:MessagePartNRInformation>
<ebbp:MessagePartNRInformation>
<ds:Reference URI="#id-fc978a6a-901f-488c-87f1-304c97612514">
<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>ayDMHU3LspR0LYfmlpreJAa55p59TPl3PS5I5UOKBVE=</ds:DigestValue>
</ds:Reference>
</ebbp:MessagePartNRInformation>
<ebbp:MessagePartNRInformation>
<ds:Reference 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/xmenc#sha256"/>
<ds:DigestValue>yqDt8JU9CgV+e+tbUO3wVj/811CUMDvel8LpSJ4o=</ds:DigestValue>
</ds:Reference>
</ebbp:MessagePartNRInformation>
<ebbp:MessagePartNRInformation>
<ds:Reference URI="cid:custompayload@minder">
<ds:Transforms>
<ds:Transform Algorithm="http://docs.oasis-open.org/wss/oasis-wss-SwAPProfile-1.1#Attachment-Content-Signature-Transform"/>

```
</ds:Transforms>
<ds:DigestMethod Algorithm="http://www.w3.org/2001/04/xmlenc#sha256"/>
<ds:DigestValue>r7CJBov5qfQij53dkc1t13rbaTa3dKkqkCR5ankrf0=</ds:DigestValue>
</ds:Reference>
</ebbp:MessagePartNRInformation>
</ebbp:NonRepudiationInformation>
</eb:Receipt>
</eb:SignalMessage>
</eb:Messaging>
</S12:Header>
2019-08-08 12:51:25,079: INFO - =====
2019-08-08 12:51:25,084: DEBUG - Assign free vars
2019-08-08 12:51:25,089: INFO - > CALL SLOT as4-adapter|8.sendResponse(byte[])
2019-08-08 12:51:25,095: INFO - < SLOT CALLED as4-adapter|8.sendResponse(byte[])
2019-08-08 12:51:25,101: INFO - < Rivet finished sucessfully
2019-08-08 12:51:25,106: INFO - -----

2019-08-08 12:51:25,111: INFO - > RUN RIVET 9
2019-08-08 12:51:25,117: DEBUG - > Wait For Signal:genericAS4Corner1|8.receiveMessage(esens.wp6.esensMshBackend.SubmissionData)
2019-08-08 12:51:26,153: DEBUG - < Signal Arrived: genericAS4Corner1|8.receiveMessage(esens.wp6.esensMshBackend.SubmissionData)
2019-08-08 12:51:26,162: DEBUG - Assign free vars
2019-08-08 12:51:26,167: INFO - > CALL SLOT NULLADAPTER.NULLSLOT
2019-08-08 12:51:26,172: INFO - < SLOT CALLED NULLADAPTER.NULLSLOT
2019-08-08 12:51:26,177: INFO - < Rivet finished sucessfully
2019-08-08 12:51:26,183: INFO - -----

2019-08-08 12:51:26,188: INFO - > RUN RIVET 10
2019-08-08 12:51:26,193: DEBUG - > Wait For Signal:genericAS4Corner4|8.processNotification(esens.wp6.esensMshBackend.MessageNotification)
2019-08-08 12:51:26,448: DEBUG - < Signal Arrived: genericAS4Corner4|8.processNotification(esens.wp6.esensMshBackend.MessageNotification)
2019-08-08 12:51:26,456: INFO - Corner4 backend NOTIFICATION
2019-08-08 12:51:26,462: INFO - status: Receipt
2019-08-08 12:51:26,467: INFO - messageId: 6ebb4d20-cd76-4e2e-9656-e6152a8b18b1@mindertestbed.org
2019-08-08 12:51:26,472: INFO - shortDescription: null
2019-08-08 12:51:26,477: INFO - description: null
2019-08-08 12:51:26,482: DEBUG - Assign free vars
2019-08-08 12:51:26,488: INFO - > CALL SLOT NULLADAPTER.NULLSLOT
2019-08-08 12:51:26,493: INFO - < SLOT CALLED NULLADAPTER.NULLSLOT
2019-08-08 12:51:26,498: INFO - < Rivet finished sucessfully
2019-08-08 12:51:26,503: INFO - -----

2019-08-08 12:51:26,508: INFO - Test #29759 Finished
```

Test Report - AS4_CP_TA03

Overview

Test Group:	AS4 Common Profile Test Assertions
Test Assertion:	AS4_CP_TA03
Test Case:	AS4_CP_TA03_TC01
User:	ROOT
Date:	2019.08.08 12:51:28
System(s) Tested:	1- Phase4

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

Test Assertion Details

TAID:	AS4_CP_TA03
Target:	User Message single exchange parties
Normative Source:	[eDelivery-AS4] "This profile REQUIRES an MSH to not include more than one eb:PartyId element in the eb:UserMessage/eb:PartyInfo/eb:From and eb:UserMessage/eb:PartyInfo/eb:To elements"
Prescription Level:	Mandatory
Prerequisite:	• SSMH and RSMH are configured to exchange AS4 messages according to the eDelivery AS4 profile: One-Way/Push MEP. • SSMH and RSMH exchange several AS4 User Messages.
Predicate:	Each exchanged AS4 message contains single ORIGIN and DESTINATION elements.
Variables:	ORIGIN: XML element XML element of AS4 user message Messaging/UserMessage/PartyInfo/From DESTINATION: XML element XML element of AS4 user message Messaging/UserMessage/PartyInfo/To
Tag:	User Message, party info

Log

```
2019-08-08 12:51:29,016: INFO - Minder version v2.3.0
2019-08-08 12:51:29,022: INFO - Start Test
2019-08-08 12:51:29,027: INFO - Initialize test case
2019-08-08 12:51:29,039: DEBUG - Parameters
2019-08-08 12:51:29,044: DEBUG - Corner2:phoss-c2
Corner3:phoss-c3
2019-08-08 12:51:29,049: INFO - > Initialize the Adapters
2019-08-08 12:51:29,054: INFO - Call start test on NULLADAPTER
2019-08-08 12:51:29,059: INFO - Obtain SUT Identifiers from NULLADAPTER
2019-08-08 12:51:29,064: INFO - Call start test on as4-adapter
2019-08-08 12:51:29,071: INFO - Obtain SUT Identifiers from as4-adapter
2019-08-08 12:51:29,077: INFO - System Under Test: Phase4
2019-08-08 12:51:29,082: INFO - System Under Test: Phase4
2019-08-08 12:51:29,087: INFO - Call start test on genericAS4Corner4
2019-08-08 12:51:29,093: INFO - Obtain SUT Identifiers from genericAS4Corner4
2019-08-08 12:51:29,098: INFO - Call start test on genericAS4Corner1
2019-08-08 12:51:29,104: INFO - Obtain SUT Identifiers from genericAS4Corner1
2019-08-08 12:51:29,110: INFO - > RUN RIVET 0
2019-08-08 12:51:29,115: DEBUG - Assign free vars
2019-08-08 12:51:29,120: INFO - =====
2019-08-08 12:51:29,126: INFO - Corner 2 phoss-c2
2019-08-08 12:51:29,131: INFO - Corner 3 phoss-c3
2019-08-08 12:51:29,136: INFO - =====
2019-08-08 12:51:29,142: INFO - > CALL SLOT NULLADAPTER.NULLSLOT
2019-08-08 12:51:29,148: INFO - < SLOT CALLED NULLADAPTER.NULLSLOT
2019-08-08 12:51:29,153: INFO - < Rivet finished sucessfully
2019-08-08 12:51:29,158: INFO - -----

2019-08-08 12:51:29,163: INFO - > RUN RIVET 1
2019-08-08 12:51:29,168: DEBUG - Assign free vars
2019-08-08 12:51:29,174: INFO - > CALL SLOT genericAS4Corner1|8.submitMessage(esens.wp6.esensMshBackend.SubmissionData)
2019-08-08 12:51:29,404: INFO - < SLOT CALLED genericAS4Corner1|8.submitMessage(esens.wp6.esensMshBackend.SubmissionData)
2019-08-08 12:51:29,410: INFO - < Rivet finished sucessfully
2019-08-08 12:51:29,415: INFO - -----

2019-08-08 12:51:29,420: INFO - > RUN RIVET 2
2019-08-08 12:51:29,425: DEBUG - > Wait For Signal:as4-adapter|8.messageReceived(byte[])
2019-08-08 12:51:30,478: DEBUG - < Signal Arrived: as4-adapter|8.messageReceived(byte[])
2019-08-08 12:51:30,487: INFO - =====
2019-08-08 12:51:30,492: INFO - C2 AS4 Message:
2019-08-08 12:51:30,499: INFO - <?xml version="1.0" encoding="UTF-8"?>
<eb:Messaging xmlns:eb="http://docs.oasis-open.org/ebxml-msg/ebms/v3.0/ns/core/200704/"
xmlns:S11="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:ebbp="http://docs.oasis-open.org/ebxml-bp/ebbp-signals-2.0"
xmlns:S12="http://www.w3.org/2003/05/soap-envelope"
xmlns:wsu="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-wssecurity-utility-1.0.xsd"
xmlns:ds="http://www.w3.org/2000/09/xmldsig#"
xmlns:xlink="http://www.w3.org/1999/xlink"
S12:mustUnderstand="true"
wsu:Id="phase4-msg-31bc978b-1b3c-4adc-9a29-bc4680bf60f8">
<eb:UserMessage>
<eb:MessageInfo>
<eb:Timestamp>2019-08-08T12:51:35.339</eb:Timestamp>
<eb:MessageId>b93769f8-f8df-4ca5-b746-bd654ebfc5e3@mindertestbed.org</eb:MessageId>
</eb:MessageInfo>
<eb:PartyInfo>
<eb:From>
<eb:PartyId>phoss-c2</eb:PartyId>
<eb:Role>http://www.esens.eu/as4/conformancetest/sut</eb:Role>
</eb:From>
<eb:To>
<eb:PartyId>phoss-c3</eb:PartyId>
<eb:Role>http://docs.oasis-open.org/ebxml-msg/ebms/v3.0/ns/core/200704/responder</eb:Role>
</eb:To>
</eb:PartyInfo>
<eb:CollaborationInfo>
<eb:AgreementRef pmode="phoss-c2-phoss-c3">urn:as4:agreement</eb:AgreementRef>
<eb:Service>SRV_SIMPLE_ONEWAY</eb:Service>
<eb:Action>ACT_SIMPLE_ONEWAY</eb:Action>
<eb:ConversationId>552039</eb:ConversationId>
</eb:CollaborationInfo>
<eb:MessageProperties>
<eb:Property name="originalSender">C1</eb:Property>
<eb:Property name="finalRecipient">C4</eb:Property>
</eb:MessageProperties>
<eb:PayloadInfo>
<eb:PartInfo href="cid:xmlpayload@minder">
<eb:PartProperties>
<eb:Property name="MimeType">application/xml</eb:Property>
<eb:Property name="CharacterSet">ISO-8859-1</eb:Property>
<eb:Property name="CompressionType">application/gzip</eb:Property>
</eb:PartProperties>
</eb:PartInfo>
</eb:PayloadInfo>
</eb:UserMessage>
</eb:Messaging>
2019-08-08 12:51:30,504: INFO - =====
2019-08-08 12:51:30,510: DEBUG - Assign free vars
2019-08-08 12:51:30,515: INFO - > CALL SLOT as4-adapter|8.sendMessage(byte[])
2019-08-08 12:51:30,658: INFO - < SLOT CALLED as4-adapter|8.sendMessage(byte[])
2019-08-08 12:51:30,663: INFO - < Rivet finished sucessfully
2019-08-08 12:51:30,668: INFO - -----

2019-08-08 12:51:30,673: INFO - > RUN RIVET 3
2019-08-08 12:51:30,678: DEBUG - > Wait For Signal:as4-adapter|8.replyReceived(byte[])
2019-08-08 12:51:30,684: DEBUG - < Signal Arrived: as4-adapter|8.replyReceived(byte[])
2019-08-08 12:51:30,690: DEBUG - Assign free vars
2019-08-08 12:51:30,695: INFO - > CALL SLOT as4-adapter|8.sendResponse(byte[])
2019-08-08 12:51:30,701: INFO - < SLOT CALLED as4-adapter|8.sendResponse(byte[])
```

```
2019-08-08 12:51:30,706: INFO - < Rivet finished sucessfully
2019-08-08 12:51:30,711: INFO - -----

2019-08-08 12:51:30,716: INFO - > RUN RIVET 4
2019-08-08 12:51:30,722: DEBUG - > Wait For Signal:genericAS4Corner4|8.receiveMessage(esens.wp6.esensMshBackend.SubmissionData)
2019-08-08 12:51:31,837: DEBUG - < Signal Arrived: genericAS4Corner4|8.receiveMessage(esens.wp6.esensMshBackend.SubmissionData)
2019-08-08 12:51:31,846: INFO - =====
2019-08-08 12:51:31,851: INFO - Corner4 Received Payloads:
2019-08-08 12:51:31,856: INFO - Data
2019-08-08 12:51:31,862: INFO - originalSender: C1
2019-08-08 12:51:31,867: INFO - finalRecipient: C4
2019-08-08 12:51:31,872: INFO - refToMessageId: null
2019-08-08 12:51:31,877: INFO - conversationId: 552039
2019-08-08 12:51:31,883: INFO - messageId: b93769f8-f8df-4ca5-b746-bd654ebfc5e3@mindertestbed.org
2019-08-08 12:51:31,888: INFO - to: Minder
2019-08-08 12:51:31,893: INFO - from: null
2019-08-08 12:51:31,899: INFO - pModelId: null
2019-08-08 12:51:31,904: INFO - =====
2019-08-08 12:51:31,913: INFO - payloadId: xmlpayload@minder == type: application/xml.
2019-08-08 12:51:31,918: INFO - <min><der>sample</der></min>
2019-08-08 12:51:31,924: INFO - =====
2019-08-08 12:51:31,929: DEBUG - Assign free vars
2019-08-08 12:51:31,934: INFO - > CALL SLOT NULLADAPTER.NULLSLOT
2019-08-08 12:51:31,939: INFO - < SLOT CALLED NULLADAPTER.NULLSLOT
2019-08-08 12:51:31,945: INFO - < Rivet finished sucessfully
2019-08-08 12:51:31,950: INFO - -----

2019-08-08 12:51:31,955: INFO - > RUN RIVET 5
2019-08-08 12:51:31,960: DEBUG - > Wait For Signal:genericAS4Corner1|8.processNotification(esens.wp6.esensMshBackend.MessageNotification)
2019-08-08 12:51:32,019: DEBUG - < Signal Arrived: genericAS4Corner1|8.processNotification(esens.wp6.esensMshBackend.MessageNotification)
2019-08-08 12:51:32,028: INFO - =====
2019-08-08 12:51:32,034: INFO - Corner1 backend NOTIFICATION
2019-08-08 12:51:32,039: INFO - status: Receipt
2019-08-08 12:51:32,044: INFO - messageId: b93769f8-f8df-4ca5-b746-bd654ebfc5e3@mindertestbed.org
2019-08-08 12:51:32,050: INFO - shortDescription: null
2019-08-08 12:51:32,055: INFO - description: null
2019-08-08 12:51:32,060: INFO - =====
2019-08-08 12:51:32,065: DEBUG - Assign free vars
2019-08-08 12:51:32,071: INFO - > CALL SLOT NULLADAPTER.NULLSLOT
2019-08-08 12:51:32,076: INFO - < SLOT CALLED NULLADAPTER.NULLSLOT
2019-08-08 12:51:32,081: INFO - < Rivet finished sucessfully
2019-08-08 12:51:32,086: INFO - -----

2019-08-08 12:51:32,091: INFO - > RUN RIVET 6
2019-08-08 12:51:32,097: DEBUG - Assign free vars
2019-08-08 12:51:32,102: INFO - > CALL SLOT genericAS4Corner1|8.submitMessage(esens.wp6.esensMshBackend.SubmissionData)
2019-08-08 12:51:32,291: INFO - < SLOT CALLED genericAS4Corner1|8.submitMessage(esens.wp6.esensMshBackend.SubmissionData)
2019-08-08 12:51:32,296: INFO - < Rivet finished sucessfully
2019-08-08 12:51:32,301: INFO - -----

2019-08-08 12:51:32,306: INFO - > RUN RIVET 7
2019-08-08 12:51:32,311: DEBUG - > Wait For Signal:as4-adapter|8.messageReceived(byte[])
2019-08-08 12:51:33,394: DEBUG - < Signal Arrived: as4-adapter|8.messageReceived(byte[])
2019-08-08 12:51:33,401: INFO - =====
2019-08-08 12:51:33,406: INFO - C2 AS4 Message:
2019-08-08 12:51:33,412: INFO - <?xml version="1.0" encoding="UTF-8"?>
<eb:Messaging xmlns:eb="http://docs.oasis-open.org/ebxml-msg/ebms/v3.0/ns/core/200704/"
xmlns:S11="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:ebbp="http://docs.oasis-open.org/ebxml-bp/ebbp-signals-2.0"
xmlns:S12="http://www.w3.org/2003/05/soap-envelope"
xmlns:wsu="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-wssecurity-utility-1.0.xsd"
xmlns:ds="http://www.w3.org/2000/09/xmldsig#"
xmlns:xlink="http://www.w3.org/1999/xlink"
S12:mustUnderstand="true"
wsu:Id="phase4-msg-569ef890-bb41-4e28-986c-4c3d71866d84">
<eb:UserMessage>
<eb:MessageInfo>
<eb:Timestamp>2019-08-08T12:51:38.265</eb:Timestamp>
<eb:MessageId>e34fce30-fdef-4b83-8db1-cd1dcaaf7b19@mindertestbed.org</eb:MessageId>
</eb:MessageInfo>
<eb:PartyInfo>
<eb:From>
<eb:PartyId>phoss-c2</eb:PartyId>
<eb:Role>http://www.esens.eu/as4/conformancetest/sut</eb:Role>
</eb:From>
<eb:To>
<eb:PartyId>phoss-c3</eb:PartyId>
<eb:Role>http://docs.oasis-open.org/ebxml-msg/ebms/v3.0/ns/core/200704/responder</eb:Role>
</eb:To>
</eb:PartyInfo>
<eb:CollaborationInfo>
<eb:AgreementRef pmode="phoss-c2-phoss-c3">urn:as4:agreement</eb:AgreementRef>
<eb:Service>SRV_SIMPLE_ONEWAY</eb:Service>
<eb:Action>ACT_SIMPLE_ONEWAY</eb:Action>
<eb:ConversationId>552039</eb:ConversationId>
</eb:CollaborationInfo>
<eb:MessageProperties>
<eb:Property name="originalSender">C1</eb:Property>
<eb:Property name="finalRecipient">C4</eb:Property>
</eb:MessageProperties>
<eb:PayloadInfo>
<eb:PartInfo href="cid:xmlpayload@minder">
<eb:PartProperties>
<eb:Property name="MimeType">application/xml</eb:Property>
<eb:Property name="CharacterSet">ISO-8859-1</eb:Property>
<eb:Property name="CompressionType">application/gzip</eb:Property>
</eb:PartProperties>
</eb:PartInfo>
</eb:PayloadInfo>
</eb:UserMessage>
</eb:Messaging>
2019-08-08 12:51:33,418: INFO - =====
2019-08-08 12:51:33,423: DEBUG - Assign free vars
2019-08-08 12:51:33,428: INFO - > CALL SLOT as4-adapter|8.sendMessage(byte[])
2019-08-08 12:51:33,566: INFO - < SLOT CALLED as4-adapter|8.sendMessage(byte[])
```

```
2019-08-08 12:51:33,571: INFO - < Rivet finished sucessfully
2019-08-08 12:51:33,576: INFO - -----

2019-08-08 12:51:33,582: INFO - > RUN RIVET 8
2019-08-08 12:51:33,587: DEBUG - > Wait For Signal:as4-adapter|8.replyReceived(byte[])
2019-08-08 12:51:33,592: DEBUG - < Signal Arrived: as4-adapter|8.replyReceived(byte[])
2019-08-08 12:51:33,598: DEBUG - Assign free vars
2019-08-08 12:51:33,603: INFO - > CALL SLOT as4-adapter|8.sendResponse(byte[])
2019-08-08 12:51:33,609: INFO - < SLOT CALLED as4-adapter|8.sendResponse(byte[])
2019-08-08 12:51:33,614: INFO - < Rivet finished sucessfully
2019-08-08 12:51:33,619: INFO - -----

2019-08-08 12:51:33,624: INFO - > RUN RIVET 9
2019-08-08 12:51:33,629: DEBUG - > Wait For Signal:genericAS4Corner4|8.receiveMessage(esens.wp6.esensMshBackend.SubmissionData)
2019-08-08 12:51:34,725: DEBUG - < Signal Arrived: genericAS4Corner4|8.receiveMessage(esens.wp6.esensMshBackend.SubmissionData)
2019-08-08 12:51:34,734: INFO - =====
2019-08-08 12:51:34,739: INFO - Corner4 Received Payloads:
2019-08-08 12:51:34,744: INFO - Data
2019-08-08 12:51:34,749: INFO - originalSender: C1
2019-08-08 12:51:34,754: INFO - finalRecipient: C4
2019-08-08 12:51:34,759: INFO - refToMessageld: null
2019-08-08 12:51:34,765: INFO - conversationId: 552039
2019-08-08 12:51:34,770: INFO - messageld: e34fce30-fdef-4b83-8db1-cd1dcaaf7b19@mindertestbed.org
2019-08-08 12:51:34,775: INFO - to: Minder
2019-08-08 12:51:34,781: INFO - from: null
2019-08-08 12:51:34,786: INFO - pModeld: null
2019-08-08 12:51:34,791: INFO - =====
2019-08-08 12:51:34,797: INFO - payloadld: xmlpayload@minder == type: application/xml.
2019-08-08 12:51:34,802: INFO - <min><der>sample</der></min>
2019-08-08 12:51:34,807: INFO - =====
2019-08-08 12:51:34,814: DEBUG - Assign free vars
2019-08-08 12:51:34,819: INFO - > CALL SLOT NULLADAPTER.NULLSLOT
2019-08-08 12:51:34,825: INFO - < SLOT CALLED NULLADAPTER.NULLSLOT
2019-08-08 12:51:34,830: INFO - < Rivet finished sucessfully
2019-08-08 12:51:34,835: INFO - -----

2019-08-08 12:51:34,840: INFO - > RUN RIVET 10
2019-08-08 12:51:34,845: DEBUG - > Wait For Signal:genericAS4Corner1|8.processNotification(esens.wp6.esensMshBackend.MessageNotification)
2019-08-08 12:51:34,962: DEBUG - < Signal Arrived: genericAS4Corner1|8.processNotification(esens.wp6.esensMshBackend.MessageNotification)
2019-08-08 12:51:34,970: INFO - =====
2019-08-08 12:51:34,975: INFO - Corner1 backend NOTIFICATION
2019-08-08 12:51:34,980: INFO - status: Receipt
2019-08-08 12:51:34,985: INFO - messageld: e34fce30-fdef-4b83-8db1-cd1dcaaf7b19@mindertestbed.org
2019-08-08 12:51:34,990: INFO - shortDescription: null
2019-08-08 12:51:34,996: INFO - description: null
2019-08-08 12:51:35,001: INFO - =====
2019-08-08 12:51:35,006: DEBUG - Assign free vars
2019-08-08 12:51:35,011: INFO - > CALL SLOT NULLADAPTER.NULLSLOT
2019-08-08 12:51:35,020: INFO - < SLOT CALLED NULLADAPTER.NULLSLOT
2019-08-08 12:51:35,025: INFO - < Rivet finished sucessfully
2019-08-08 12:51:35,031: INFO - -----

2019-08-08 12:51:35,036: INFO - > RUN RIVET 11
2019-08-08 12:51:35,041: DEBUG - Assign free vars
2019-08-08 12:51:35,046: INFO - > CALL SLOT genericAS4Corner1|8.submitMessage(esens.wp6.esensMshBackend.SubmissionData)
2019-08-08 12:51:35,266: INFO - < SLOT CALLED genericAS4Corner1|8.submitMessage(esens.wp6.esensMshBackend.SubmissionData)
2019-08-08 12:51:35,272: INFO - < Rivet finished sucessfully
2019-08-08 12:51:35,277: INFO - -----

2019-08-08 12:51:35,282: INFO - > RUN RIVET 12
2019-08-08 12:51:35,287: DEBUG - > Wait For Signal:as4-adapter|8.messageReceived(byte[])
2019-08-08 12:51:36,339: DEBUG - < Signal Arrived: as4-adapter|8.messageReceived(byte[])
2019-08-08 12:51:36,345: INFO - =====
2019-08-08 12:51:36,350: INFO - C2 AS4 Message:
2019-08-08 12:51:36,357: INFO - <?xml version="1.0" encoding="UTF-8"?>
<eb:Messaging xmlns:eb="http://docs.oasis-open.org/ebxml-msg/ebms/v3.0/ns/core/200704/"
xmlns:S11="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:ebbp="http://docs.oasis-open.org/ebxml-bp/ebbp-signals-2.0"
xmlns:S12="http://www.w3.org/2003/05/soap-envelope"
xmlns:wsu="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-wssecurity-utility-1.0.xsd"
xmlns:ds="http://www.w3.org/2000/09/xmldsig#"
xmlns:xlink="http://www.w3.org/1999/xlink"
S12:mustUnderstand="true"
wsu:Id="phase4-msg-4e1f7e05-d035-417c-be08-e8f9b9b92723">
<eb:UserMessage>
<eb:MessageInfo>
<eb:Timestamp>2019-08-08T12:51:41.207</eb:Timestamp>
<eb:MessageId>eabe4cc2-56c8-42bb-b428-bf8a052b1f71@mindertestbed.org</eb:MessageId>
</eb:MessageInfo>
<eb:PartyInfo>
<eb:From>
<eb:PartyId>phoss-c2</eb:PartyId>
<eb:Role>http://www.esens.eu/as4/conformancetest/sut</eb:Role>
</eb:From>
<eb:To>
<eb:PartyId>phoss-c3</eb:PartyId>
<eb:Role>http://docs.oasis-open.org/ebxml-msg/ebms/v3.0/core/200704/responder</eb:Role>
</eb:To>
</eb:PartyInfo>
<eb:CollaborationInfo>
<eb:AgreementRef pmode="phoss-c2-phoss-c3">urn:as4:agreement</eb:AgreementRef>
<eb:Service>SRV_SIMPLE_ONEWAY</eb:Service>
<eb:Action>ACT_SIMPLE_ONEWAY</eb:Action>
<eb:ConversationId>552039</eb:ConversationId>
</eb:CollaborationInfo>
<eb:MessageProperties>
<eb:Property name="originalSender">C1</eb:Property>
<eb:Property name="finalRecipient">C4</eb:Property>
</eb:MessageProperties>
<eb:PayloadInfo>
<eb:PartInfo href="cid:xmlpayload@minder">
<eb:PartProperties>
<eb:Property name="MimeType">application/xml</eb:Property>
<eb:Property name="CharacterSet">ISO-8859-1</eb:Property>
<eb:Property name="CompressionType">application/gzip</eb:Property>
```

```
</eb:PartProperties>
</eb:PartInfo>
</eb:PayloadInfo>
</eb:UserMessage>
</eb:Messaging>
2019-08-08 12:51:36,362: INFO - =====
2019-08-08 12:51:36,368: DEBUG - Assign free vars
2019-08-08 12:51:36,373: INFO - > CALL SLOT as4-adapter|8.sendMessage(byte[])
2019-08-08 12:51:36,506: INFO - < SLOT CALLED as4-adapter|8.sendMessage(byte[])
2019-08-08 12:51:36,511: INFO - < Rivet finished sucessfully
2019-08-08 12:51:36,516: INFO - -----

2019-08-08 12:51:36,522: INFO - > RUN RIVET 13
2019-08-08 12:51:36,527: DEBUG - > Wait For Signal:as4-adapter|8.replyReceived(byte[])
2019-08-08 12:51:36,532: DEBUG - < Signal Arrived: as4-adapter|8.replyReceived(byte[])
2019-08-08 12:51:36,538: DEBUG - Assign free vars
2019-08-08 12:51:36,543: INFO - > CALL SLOT as4-adapter|8.sendResponse(byte[])
2019-08-08 12:51:36,549: INFO - < SLOT CALLED as4-adapter|8.sendResponse(byte[])
2019-08-08 12:51:36,554: INFO - < Rivet finished sucessfully
2019-08-08 12:51:36,559: INFO - -----

2019-08-08 12:51:36,564: INFO - > RUN RIVET 14
2019-08-08 12:51:36,570: DEBUG - > Wait For Signal:genericAS4Corner4|8.receiveMessage(esens.wp6.esensMshBackend.SubmissionData)
2019-08-08 12:51:37,654: DEBUG - < Signal Arrived: genericAS4Corner4|8.receiveMessage(esens.wp6.esensMshBackend.SubmissionData)
2019-08-08 12:51:37,663: INFO - =====
2019-08-08 12:51:37,668: INFO - Corner4 Received Payloads:
2019-08-08 12:51:37,673: INFO - Data
2019-08-08 12:51:37,678: INFO - originalSender: C1
2019-08-08 12:51:37,684: INFO - finalRecipient: C4
2019-08-08 12:51:37,689: INFO - refToMessageld: null
2019-08-08 12:51:37,694: INFO - conversationId: 552039
2019-08-08 12:51:37,699: INFO - messageld: eabe4cc2-56c8-42bb-b428-bf8a052b1f71 @mindertestbed.org
2019-08-08 12:51:37,704: INFO - to: Minder
2019-08-08 12:51:37,709: INFO - from: null
2019-08-08 12:51:37,714: INFO - pModelId: null
2019-08-08 12:51:37,720: INFO - =====
2019-08-08 12:51:37,725: INFO - payloadId: xmlpayload@minder == type: application/xml.
2019-08-08 12:51:37,730: INFO - <min><der>sample</der></min>
2019-08-08 12:51:37,735: INFO - =====
2019-08-08 12:51:37,740: DEBUG - Assign free vars
2019-08-08 12:51:37,746: INFO - > CALL SLOT NULLADAPTER.NULLSLOT
2019-08-08 12:51:37,751: INFO - < SLOT CALLED NULLADAPTER.NULLSLOT
2019-08-08 12:51:37,756: INFO - < Rivet finished sucessfully
2019-08-08 12:51:37,761: INFO - -----

2019-08-08 12:51:37,766: INFO - > RUN RIVET 15
2019-08-08 12:51:37,772: DEBUG - > Wait For Signal:genericAS4Corner1|8.processNotification(esens.wp6.esensMshBackend.MessageNotification)
2019-08-08 12:51:37,893: DEBUG - < Signal Arrived: genericAS4Corner1|8.processNotification(esens.wp6.esensMshBackend.MessageNotification)
2019-08-08 12:51:37,901: INFO - =====
2019-08-08 12:51:37,906: INFO - Corner1 backend NOTIFICATION
2019-08-08 12:51:37,912: INFO - status: Receipt
2019-08-08 12:51:37,917: INFO - messageld: eabe4cc2-56c8-42bb-b428-bf8a052b1f71 @mindertestbed.org
2019-08-08 12:51:37,922: INFO - shortDescription: null
2019-08-08 12:51:37,927: INFO - description: null
2019-08-08 12:51:37,933: INFO - =====
2019-08-08 12:51:37,938: DEBUG - Assign free vars
2019-08-08 12:51:37,943: INFO - > CALL SLOT NULLADAPTER.NULLSLOT
2019-08-08 12:51:37,949: INFO - < SLOT CALLED NULLADAPTER.NULLSLOT
2019-08-08 12:51:37,954: INFO - < Rivet finished sucessfully
2019-08-08 12:51:37,959: INFO - -----

2019-08-08 12:51:37,964: INFO - Test #29760 Finished
```


Test Report - AS4_CP_TA04

Overview

Test Group:	AS4 Common Profile Test Assertions
Test Assertion:	AS4_CP_TA04
Test Case:	AS4_CP_TA04_TC01
User:	ROOT
Date:	2019.08.08 12:51:39
System(s) Tested:	1- Phase4

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

Test Assertion Details

TAID:	AS4_CP_TA04
Target:	Payload compression
Normative Source:	[eDelivery-AS4] "Due to the mandatory use of the AS4 compression feature in this profile (see section 2.2.3.3), XML payloads MAY be converted to binary data." And "A receiving MSH MUST NOT reject messages with payloads that are not compressed even though AS4 compression is specified in the P-Mode. However, the receiving MSH is REQUIRED to decompress any compressed payloads for messages for which the P-Mode specifies the use of AS4 compression, and for which the CompressionType part property is set to application/gzip."
Prescription Level:	Mandatory
Prerequisite:	<ul style="list-style-type: none">• SSMH and RSMH are configured to exchange AS4 messages according to the eDelivery AS4 profile. (One-Way/Push MEP)• SSMH is simulated to produce uncompressed payloads.• The SSMH sends the AS4 message to the RSMH.
Predicate:	The RSMH returns a non-repudiation receipt and delivers the message to the consumer.
Variables:	
Tag:	Payload, compression

Log

```
2019-08-08 12:51:40,867: INFO - Minder version v2.3.0
2019-08-08 12:51:40,872: INFO - Start Test
2019-08-08 12:51:40,877: INFO - Initialize test case
2019-08-08 12:51:40,886: DEBUG - Parameters
2019-08-08 12:51:40,891: DEBUG - Corner2:phoss-c2
Corner3:phoss-c3
2019-08-08 12:51:40,896: INFO - > Initialize the Adapters
2019-08-08 12:51:40,901: INFO - Call start test on NULLADAPTER
2019-08-08 12:51:40,907: INFO - Obtain SUT Identifiers from NULLADAPTER
2019-08-08 12:51:40,912: INFO - Call start test on as4-adapter
2019-08-08 12:51:40,918: INFO - Obtain SUT Identifiers from as4-adapter
2019-08-08 12:51:40,924: INFO - System Under Test: Phase4
2019-08-08 12:51:40,929: INFO - System Under Test: Phase4
2019-08-08 12:51:40,934: INFO - Call start test on genericAS4Corner4
2019-08-08 12:51:40,940: INFO - Obtain SUT Identifiers from genericAS4Corner4
2019-08-08 12:51:40,946: INFO - Call start test on genericAS4Corner1
2019-08-08 12:51:40,952: INFO - Obtain SUT Identifiers from genericAS4Corner1
2019-08-08 12:51:40,957: INFO - > RUN RIVET 0
2019-08-08 12:51:40,962: DEBUG - Assign free vars
2019-08-08 12:51:40,967: INFO - =====
2019-08-08 12:51:40,973: INFO - Corner 2 phoss-c2
2019-08-08 12:51:40,978: INFO - Corner 3 phoss-c3
2019-08-08 12:51:40,984: INFO - =====
2019-08-08 12:51:41,009: INFO - > CALL SLOT NULLADAPTER.NULLSLOT
2019-08-08 12:51:41,014: INFO - < SLOT CALLED NULLADAPTER.NULLSLOT
2019-08-08 12:51:41,019: INFO - < Rivet finished sucessfully
2019-08-08 12:51:41,024: INFO - -----

2019-08-08 12:51:41,030: INFO - > RUN RIVET 1
2019-08-08 12:51:41,035: DEBUG - Assign free vars
2019-08-08 12:51:41,040: INFO - > CALL SLOT genericAS4Corner1|8.submitMessage(esens.wp6.esensMshBackend.SubmissionData)
2019-08-08 12:51:41,231: INFO - < SLOT CALLED genericAS4Corner1|8.submitMessage(esens.wp6.esensMshBackend.SubmissionData)
2019-08-08 12:51:41,237: INFO - < Rivet finished sucessfully
2019-08-08 12:51:41,242: INFO - -----

2019-08-08 12:51:41,247: INFO - > RUN RIVET 2
2019-08-08 12:51:41,252: DEBUG - > Wait For Signal:as4-adapter|8.messageReceived(byte[])
2019-08-08 12:51:42,324: DEBUG - < Signal Arrived: as4-adapter|8.messageReceived(byte[])
2019-08-08 12:51:42,330: INFO - =====
2019-08-08 12:51:42,335: INFO - C2 AS4 Message:
2019-08-08 12:51:42,342: INFO - <?xml version="1.0" encoding="UTF-8"?>
<eb:Messaging xmlns:eb="http://docs.oasis-open.org/ebxml-msg/ebms/v3.0/ns/core/200704/"
xmlns:S11="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:ebbp="http://docs.oasis-open.org/ebxml-bp/ebbp-signals-2.0"
xmlns:S12="http://www.w3.org/2003/05/soap-envelope"
xmlns:wsu="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-wssecurity-utility-1.0.xsd"
xmlns:ds="http://www.w3.org/2000/09/xmldsig#"
xmlns:xlink="http://www.w3.org/1999/xlink"
S12:mustUnderstand="true"
wsu:Id="phase4-msg-770fac05-b2ac-48e9-85f5-386a07c827db">
<eb:UserMessage>
<eb:MessageInfo>
<eb:Timestamp>2019-08-08T12:51:47.207</eb:Timestamp>
<eb:MessageId>fd59ad32-0609-409a-9913-a5452b000fe5@mindentestbed.org</eb:MessageId>
</eb:MessageInfo>
<eb:PartyInfo>
<eb:From>
<eb:PartyId>phoss-c2</eb:PartyId>
<eb:Role>http://www.esens.eu/as4/conformancetest/sut</eb:Role>
</eb:From>
<eb:To>
<eb:PartyId>phoss-c3</eb:PartyId>
<eb:Role>http://docs.oasis-open.org/ebxml-msg/ebms/v3.0/ns/core/200704/responder</eb:Role>
</eb:To>
</eb:PartyInfo>
<eb:CollaborationInfo>
<eb:AgreementRef pmode="phoss-c2-phoss-c3">urn:as4:agreement</eb:AgreementRef>
<eb:Service>SRV_SIMPLE_ONEWAY</eb:Service>
<eb:Action>ACT_SIMPLE_ONEWAY</eb:Action>
<eb:ConversationId>840518</eb:ConversationId>
</eb:CollaborationInfo>
<eb:MessageProperties>
<eb:Property name="originalSender">C1</eb:Property>
<eb:Property name="finalRecipient">C4</eb:Property>
</eb:MessageProperties>
<eb:PayloadInfo>
<eb:PartInfo href="cid:xmlpayload@minder">
<eb:PartProperties>
<eb:Property name="MimeType">application/xml</eb:Property>
<eb:Property name="CharacterSet">ISO-8859-1</eb:Property>
<eb:Property name="CompressionType">application/gzip</eb:Property>
</eb:PartProperties>
</eb:PartInfo>
<eb:PartInfo href="cid:custompayload@minder">
<eb:PartProperties>
<eb:Property name="MimeType">application/octet-stream</eb:Property>
<eb:Property name="CharacterSet">ISO-8859-1</eb:Property>
<eb:Property name="CompressionType">application/gzip</eb:Property>
</eb:PartProperties>
</eb:PartInfo>
</eb:PayloadInfo>
</eb:UserMessage>
</eb:Messaging>
2019-08-08 12:51:42,362: INFO - =====
2019-08-08 12:51:42,367: INFO - AS4 message id: fd59ad32-0609-409a-9913-a5452b000fe5@mindentestbed.org
2019-08-08 12:51:42,373: INFO - =====
2019-08-08 12:51:42,378: INFO - Attachments:
2019-08-08 12:51:42,383: INFO - =====
2019-08-08 12:51:42,391: INFO - Attachment ID: <xmlpayload@minder>, MimeType: application/gzip
```

2019-08-08 12:51:42,397: INFO - Compressed HEX payload: 1F8B0800000000000000B3C9CDCCB3B349492DB22B4ECC2DC849B5D107B16DF441C2007E6CD3781C000000
2019-08-08 12:51:42,402: INFO - Decompressed Payload: <min><der>sample</der></min>
2019-08-08 12:51:42,407: INFO - =====
2019-08-08 12:51:42,413: INFO - Attachment ID: <custompayload@minder>, MimeType: application/gzip
2019-08-08 12:51:42,419: INFO - Compressed HEX payload:
1F8B0800000000000000053545F0CD4FC94CAB54C84D55484C2B492D52282E4DCACD2C2ECECCCCF3D51C84C53A8CC2F5548492C4A555404006FDE2D25E2C000000
2019-08-08 12:51:42,424: INFO - Decompressed Payload: !! Modify me after submission, if you dare!!
2019-08-08 12:51:42,429: INFO - =====
2019-08-08 12:51:42,434: INFO - =====
2019-08-08 12:51:42,440: INFO - THE COMPRESSED PAYLOADS OF THE RECEIVED AS4 MESSAGE WERE DECOMPRESSED and REPLACED
2019-08-08 12:51:42,445: INFO - =====
2019-08-08 12:51:42,452: INFO - AS4Message After CompressionType Removal
2019-08-08 12:51:42,457: INFO - <?xml version="1.0" encoding="UTF-8"?>
<eb:Messaging xmlns:eb="http://docs.oasis-open.org/ebxml-msg/ebms/v3.0/ns/core/200704/"
xmlns:S11="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:ebbp="http://docs.oasis-open.org/ebxml-bp/ebbp-signals-2.0"
xmlns:S12="http://www.w3.org/2003/05/soap-envelope"
xmlns:wsu="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-wssecurity-utility-1.0.xsd"
xmlns:ds="http://www.w3.org/2000/09/xmldsig#"
xmlns:xlink="http://www.w3.org/1999/xlink"
S12:mustUnderstand="true"
wsu:Id="phase4-msg-770fac05-b2ac-48e9-85f5-386a07c827db">
<eb:UserMessage>
<eb:MessageInfo>
<eb:Timestamp>2019-08-08T12:51:47.207</eb:Timestamp>
<eb:MessageId>fd59ad32-0609-409a-9913-a5452b000fe5@mindentestbed.org</eb:MessageId>
<eb:MessageInfo>
<eb:PartyInfo>
<eb:From>
<eb:PartyId>phoss-c2</eb:PartyId>
<eb:Role>http://www.esens.eu/as4/conformancetest/sut</eb:Role>
<eb:From>
<eb:To>
<eb:PartyId>phoss-c3</eb:PartyId>
<eb:Role>http://docs.oasis-open.org/ebxml-msg/ebms/v3.0/ns/core/200704/responder</eb:Role>
<eb:To>
<eb:PartyInfo>
<eb:CollaborationInfo>
<eb:AgreementRef pmode="phoss-c2-phoss-c3">urn:as4:agreement</eb:AgreementRef>
<eb:Service>SRV_SIMPLE_ONEWAY</eb:Service>
<eb:Action>ACT_SIMPLE_ONEWAY</eb:Action>
<eb:ConversationId>840518</eb:ConversationId>
<eb:CollaborationInfo>
<eb:MessageProperties>
<eb:Property name="originalSender">C1</eb:Property>
<eb:Property name="finalRecipient">C4</eb:Property>
<eb:MessageProperties>
<eb:PayloadInfo>
<eb:PartInfo href="cid:xmlpayload@minder">
<eb:PartProperties>
<eb:Property name="MimeType">application/xml</eb:Property>
<eb:Property name="CharacterSet">ISO-8859-1</eb:Property>
<eb:PartProperties>
<eb:PartInfo>
<eb:PartInfo href="cid:custompayload@minder">
<eb:PartProperties>
<eb:Property name="MimeType">application/octet-stream</eb:Property>
<eb:Property name="CharacterSet">ISO-8859-1</eb:Property>
<eb:PartProperties>
<eb:PartInfo>
<eb:PayloadInfo>
<eb:UserMessage>
<eb:Messaging>
2019-08-08 12:51:42,462: INFO - =====
2019-08-08 12:51:42,480: DEBUG - Assign free vars
2019-08-08 12:51:42,485: INFO - > CALL SLOT as4-adapter|8.sendMessage(byte[])
2019-08-08 12:51:42,645: INFO - < SLOT CALLED as4-adapter|8.sendMessage(byte[])
2019-08-08 12:51:42,650: INFO - < Rivet finished successfully
2019-08-08 12:51:42,655: INFO - -----

2019-08-08 12:51:42,660: INFO - > RUN RIVET 3
2019-08-08 12:51:42,666: DEBUG - > Wait For Signal:as4-adapter|8.replyReceived(byte[])
2019-08-08 12:51:42,671: DEBUG - < Signal Arrived: as4-adapter|8.replyReceived(byte[])
2019-08-08 12:51:42,678: INFO - Received Receipt: 1565268702677
2019-08-08 12:51:42,684: INFO - =====
2019-08-08 12:51:42,689: INFO - RECEIPT
2019-08-08 12:51:42,695: INFO - <?xml version="1.0" encoding="UTF-8"?>
<S12:Header xmlns:S12="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"
xmlns:wsu="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-wssecurity-utility-1.0.xsd"
S12:mustUnderstand="true">
<wsse:BinarySecurityToken EncodingType="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-soap-message-security-1.0#Base64Binary"
ValueType="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-x509-token-profile-1.0#X509v3"
wsu:Id="X509-4f0b77d2-b320-4f20-9a21-
339cb3a07a53">MIIDdzCCA1gAwIBAgIEa5bQAJANBgkqhkiG9w0BAQsFADBBSMQswCQQYDVQQGEwJFVTERMA8GA1UECBMlcGhvc3MtYzIxMxETAPBgNVBAsTCHBob3NzLWZmZMRwEwDwYDVQKEwHwaG9zcyc1JmZERMAB8GA1UEChMlcGhvc3MtYzIxMxETAPBgNVBAsTCHBob3NzLWZmZMRwEwDwYDVQKEwHwaG9zcyc1JmZCCASlwdQYJKoZIhvcNAQEBBQADggEPADCCAQoCggEBBAJrgRwWo9a7DiX0yH+0ACnX8hUbbtCHlulSdeucPI2fnfWh8XorPka5rSIRJb61bU6AC/pNFK3EdtlhPxFs5Ajl6c5U8okM36R8JZdry5hfo0tGqRinTBXNgaE2qxvdvrlJhIZPHguNYe7sRgAydzkFVWRuXaq8uAD23DBG9X1r8dDscSAPnrUx4LF8SlqqwrSbt00U1fykoADsoDZhxrkVc3oDHEMMM4klOb9/GWmFcHhAzG5UJY15P2GlljWCRDi4c3/Aj0MIMWzeWdVufXpvd2oQ11Aua9L3bbply7DDvAbtvASwLk5QJqfVX0u3Fxo5BkkeloF5TH4n0RmLKOAYcAWEAAaMhMB8wHQYDVROBBYEFPPZzbvaU9/2QALJgMacKtSgdSxG/MAOGCSGSlb3DQEBECwUAA4IBAQBHGwsgC7vPMYru8b4Cgv3E3YeXIUPDYN3jOBDZJevBhSIFPjdZ7IbP1EGcB8yIXD0d6/atwTbiX2+P+od3q+4/ZuB2ktGJSdr51lQrM/DhaJo/3GL7GcmSASWG3YjffX1/Yu6VogaSZYmflVmatHuD1YG4c6Zbf5P3vw0xVHNTtTfDB8Zp9mKPKPj3m2sOFii2JODzAgoTt/GeZaXHPVU58bQ+KiZ8EvZvP0PiXty4aUlx4dILSEGHdqpqfO6vVLYMY43DUwFob4i9Iybn6IZKdAc3GSZIDkZsvTmbUe2QNs+Mqp3RrL3fMU9ig182UqDlHcmgx1/7haJji+</wsse:BinarySecurityToken>
<ds:Signature xmlns:ds="http://www.w3.org/2000/09/xmldsig#"
Id="SIG-71ee6ae3-8b21-4355-a163-4650d30840de">
<ds:SignedInfo>
<ds:CanonicalizationMethod Algorithm="http://www.w3.org/2001/10/xml-exc-c14n#">
<ec:InclusiveNamespaces xmlns:ec="http://www.w3.org/2001/10/xml-exc-c14n#" PrefixList="S12"/>
</ds:CanonicalizationMethod>
<ds:SignatureMethod Algorithm="http://www.w3.org/2001/04/xmldsig-more#rsa-sha256"/>
<ds:Reference URI="#phase4-msg-8fc1e68a-473c-4ee2-8e4e-74492d36b4a1">
<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>9MtN4QR2p39YdLO7YJbbaKjmSfKN0yKX8WUVgtqYhsk=</ds:DigestValue>
</ds:Reference>
<ds:Reference URI="#id-b3ea4056-019c-4793-9053-62661bea4665">
<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>pXfJk7CkDUGhR4BOy7wyTPHJD+K7BBAGxHyxrVDQ=</ds:DigestValue>
</ds:Reference>
</ds:SignedInfo>
<ds:SignatureValue>CGV/9wX5xMjUsZvDbQTFGMPQ/+39xzA47pxdnIXg/XST7qwZQgY9mS/JzxVMSDmfrl69KeZ4M9xe53oaajXabFCZvhLmUYUy12Blut+juykVdOE90jMfCLSPioPM3
CHCuDd6oJQK3vgL5qSnU+OjBrakCQbng9OsluhLJDVs1Z7ejfrAg3SZ9/00mU7jAGBeS22YpiWwKBcHkL0oHdGyTyctgTYdO3keVtuWRU5GfzvdTCIzKEQgvtW202yKJpnPzpLbOeQQRr
Hx4vEq7jfrNT9uAz5Hw3159EHhvOVFFOIE1SUXWDAGJhOA2xnQcEHNctI0Q2eX0z76++iHaCoXIQ==</ds:SignatureValue>
<ds:KeyInfo Id="KI-a2593742-0ed0-4fa1-bca9-56391f043709">
<wsse:SecurityTokenReference wsu:Id="STR-2eab9d2a-8860-49f8-a21f-10c862fd8339">
<wsse:Reference URI="#X509-4f0b77d2-b320-4f20-9a21-339cb3a07a53">
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:S11="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:ebbp="http://docs.oasis-open.org/ebxml-bp/ebbp-signals-2.0"
xmlns:wsu="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-wssecurity-utility-1.0.xsd"
xmlns:ds="http://www.w3.org/2000/09/xmldsig#"
xmlns:xlink="http://www.w3.org/1999/xlink"
S12:mustUnderstand="true"
wsu:Id="phase4-msg-8fc1e68a-473c-4ee2-8e4e-74492d36b4a1">
<eb:SignalMessage>
<eb:MessageInfo>
<eb:Timestamp>2019-08-08T12:51:47.677</eb:Timestamp>
<eb:MessageId>3cd0530-ba03-43e0-ba9c-b1a742f9e1d8@phase4</eb:MessageId>
<eb:RefToMessageId>fd59ad32-0609-409a-9913-a5452b000fe5@mindentestbed.org</eb:RefToMessageId>
</eb:MessageInfo>
<eb:Receipt>
<ebbp:NonRepudiationInformation>
<ebbp:MessagePartNRInformation>
<ds:Reference URI="#phase4-msg-770fac05-b2ac-48e9-85f5-386a07c827db">
<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>Q8d3WUUYr2KcWc7q5d+J7xCsaoFZJDVdUdjAygWcrs=</ds:DigestValue>
</ds:Reference>
</ebbp:MessagePartNRInformation>
<ebbp:MessagePartNRInformation>
<ds:Reference URI="#id-dd1b3f31-dcd9-48b5-b71e-18b4eb1a6ac2">
<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>V6xgXWU/ExYTAASoNwSpXmELbLQwh/wil6CLRTTUJwA=</ds:DigestValue>
</ds:Reference>
</ebbp:MessagePartNRInformation>
<ebbp:MessagePartNRInformation>
<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/xmlenc#sha256"/>
<ds:DigestValue>G88sTOIDHkhRDOHx1J0seTI3mzxhSQMqUnD2iglsuJQ=</ds:DigestValue>
</ds:Reference>
</ebbp:MessagePartNRInformation>
<ebbp:MessagePartNRInformation>
<ds:Reference URI="cid:custompayload@minder">
<ds:Transforms>
<ds:Transform Algorithm="http://docs.oasis-open.org/wss/oasis-wss-SwAPProfile-1.1#Attachment-Content-Signature-Transform"/>
</ds:Transforms>
<ds:DigestMethod Algorithm="http://www.w3.org/2001/04/xmlenc#sha256"/>
<ds:DigestValue>C9hZUbWJzkBS7DV039Ks+6uhWL4uFNUV7Euui+shE=</ds:DigestValue>
</ds:Reference>
</ebbp:MessagePartNRInformation>
</ebbp:NonRepudiationInformation>
</eb:Receipt>
</eb:SignalMessage>
</eb:Messaging>
</S12:Header>
2019-08-08 12:51:42,700: INFO - =====
2019-08-08 12:51:42,705: DEBUG - Assign free vars
2019-08-08 12:51:42,711: INFO - > CALL SLOT as4-adapter[8.sendResponse(byte[])]
2019-08-08 12:51:42,718: INFO - < SLOT CALLED as4-adapter[8.sendResponse(byte[])]
2019-08-08 12:51:42,724: INFO - < Rivet finished sucessfully
2019-08-08 12:51:42,729: INFO - =====

2019-08-08 12:51:42,734: INFO - > RUN RIVET 4
2019-08-08 12:51:42,739: DEBUG - > Wait For Signal:genericAS4Corner4[8.receiveMessage(esens.wp6.esensMshBackend.SubmissionData)
2019-08-08 12:51:43,798: DEBUG - < Signal Arrived: genericAS4Corner4[8.receiveMessage(esens.wp6.esensMshBackend.SubmissionData)
2019-08-08 12:51:43,807: INFO - =====
2019-08-08 12:51:43,812: INFO - Corner4 Received Payloads:
2019-08-08 12:51:43,817: INFO - Data
2019-08-08 12:51:43,822: INFO - originalSender: C1
2019-08-08 12:51:43,827: INFO - finalRecipient: C4
2019-08-08 12:51:43,832: INFO - refToMessageId: null
2019-08-08 12:51:43,838: INFO - conversationId: 840518
2019-08-08 12:51:43,843: INFO - messageId: fd59ad32-0609-409a-9913-a5452b000fe5@mindentestbed.org
2019-08-08 12:51:43,848: INFO - to: Minder
2019-08-08 12:51:43,853: INFO - from: null
2019-08-08 12:51:43,858: INFO - pModelId: null
2019-08-08 12:51:43,864: INFO - xmlpayload@minder type: application/octet-stream.
2019-08-08 12:51:43,870: INFO - <min><der>sample</der></min>
2019-08-08 12:51:43,875: INFO - custompayload@minder type: application/octet-stream.
2019-08-08 12:51:43,880: INFO - !! Modify me after submission, if you dare!!
2019-08-08 12:51:43,885: INFO - =====
2019-08-08 12:51:43,890: DEBUG - Assign free vars
```

```
2019-08-08 12:51:43,896: INFO - > CALL SLOT NULLADAPTER.NULLSLOT
2019-08-08 12:51:43,901: INFO - < SLOT CALLED NULLADAPTER.NULLSLOT
2019-08-08 12:51:43,906: INFO - < Rivet finished sucessfully
2019-08-08 12:51:43,911: INFO - -----

2019-08-08 12:51:43,916: INFO - > RUN RIVET 5
2019-08-08 12:51:43,922: DEBUG - > Wait For Signal:genericAS4Corner1|8.processNotification(esens.wp6.esensMshBackend.MessageNotification)
2019-08-08 12:51:44,031: DEBUG - < Signal Arrived: genericAS4Corner1|8.processNotification(esens.wp6.esensMshBackend.MessageNotification)
2019-08-08 12:51:44,039: DEBUG - Assign free vars
2019-08-08 12:51:44,044: INFO - > CALL SLOT NULLADAPTER.NULLSLOT
2019-08-08 12:51:44,049: INFO - < SLOT CALLED NULLADAPTER.NULLSLOT
2019-08-08 12:51:44,055: INFO - < Rivet finished sucessfully
2019-08-08 12:51:44,060: INFO - -----

2019-08-08 12:51:44,065: INFO - Test #29761 Finished
```

Test Report - AS4_CP_TA05

Overview

Test Group:	AS4 Common Profile Test Assertions
Test Assertion:	AS4_CP_TA05
Test Case:	AS4_CP_TA05_TC01
User:	ROOT
Date:	2019.08.08 12:51:45
System(s) Tested:	1- Phase4

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

Test Assertion Details

TAID:	AS4_CP_TA05
Target:	Payload location
Normative Source:	[eDelivery-AS4] "Due to the mandatory use of the AS4 compression feature in this profile (see section 2.2.3.3), XML payloads MAY be converted to binary data, which is carried in separate MIME parts and not in the SOAP Body. Conformant eDelivery AS4 messages therefore always have an empty SOAP Body."
Prescription Level:	Mandatory
Prerequisite:	<ul style="list-style-type: none">• SSMH and RSMH are configured to exchange AS4 messages according to the eDelivery AS4 profile. (One-Way/Push MEP)• Producer submits a message with metadata information and an XML payload to the SSMH.• SSMH generates an AS4 message to send to the RSMH.
Predicate:	In the AS4 message created by the SSMH, the compressed payload is carried in a separate MIME part and the soap body is empty.
Variables:	
Tag:	Payload packaging

Log

```
2019-08-08 12:51:46,470: INFO - Minder version v2.3.0
2019-08-08 12:51:46,475: INFO - Start Test
2019-08-08 12:51:46,480: INFO - Initialize test case
2019-08-08 12:51:46,489: DEBUG - Parameters
2019-08-08 12:51:46,494: DEBUG - Corner2:phoss-c2
Corner3:phoss-c3
2019-08-08 12:51:46,499: INFO - > Initialize the Adapters
2019-08-08 12:51:46,504: INFO - Call start test on NULLADAPTER
2019-08-08 12:51:46,510: INFO - Obtain SUT Identifiers from NULLADAPTER
2019-08-08 12:51:46,515: INFO - Call start test on as4-adapter
2019-08-08 12:51:46,521: INFO - Obtain SUT Identifiers from as4-adapter
2019-08-08 12:51:46,527: INFO - System Under Test: Phase4
2019-08-08 12:51:46,532: INFO - System Under Test: Phase4
2019-08-08 12:51:46,538: INFO - Call start test on genericAS4Corner4
2019-08-08 12:51:46,544: INFO - Obtain SUT Identifiers from genericAS4Corner4
2019-08-08 12:51:46,549: INFO - Call start test on genericAS4Corner1
2019-08-08 12:51:46,555: INFO - Obtain SUT Identifiers from genericAS4Corner1
2019-08-08 12:51:46,561: INFO - > RUN RIVET 0
2019-08-08 12:51:46,566: DEBUG - Assign free vars
2019-08-08 12:51:46,571: INFO - =====
2019-08-08 12:51:46,577: INFO - Corner 2 phoss-c2
2019-08-08 12:51:46,582: INFO - Corner 3 phoss-c3
2019-08-08 12:51:46,587: INFO - =====
2019-08-08 12:51:46,613: INFO - > CALL SLOT NULLADAPTER.NULLSLOT
2019-08-08 12:51:46,618: INFO - < SLOT CALLED NULLADAPTER.NULLSLOT
2019-08-08 12:51:46,623: INFO - < Rivet finished sucessfully
2019-08-08 12:51:46,628: INFO - -----

2019-08-08 12:51:46,634: INFO - > RUN RIVET 1
2019-08-08 12:51:46,639: DEBUG - Assign free vars
2019-08-08 12:51:46,644: INFO - > CALL SLOT genericAS4Corner1|8.submitMessage(esens.wp6.esensMshBackend.SubmissionData)
2019-08-08 12:51:46,832: INFO - < SLOT CALLED genericAS4Corner1|8.submitMessage(esens.wp6.esensMshBackend.SubmissionData)
2019-08-08 12:51:46,837: INFO - < Rivet finished sucessfully
2019-08-08 12:51:46,842: INFO - -----

2019-08-08 12:51:46,847: INFO - > RUN RIVET 2
2019-08-08 12:51:46,853: DEBUG - > Wait For Signal:as4-adapter|8.messageReceived(byte[])
2019-08-08 12:51:47,930: DEBUG - < Signal Arrived: as4-adapter|8.messageReceived(byte[])
2019-08-08 12:51:47,936: INFO - =====
2019-08-08 12:51:47,941: INFO - C2 AS4 Message:
2019-08-08 12:51:47,948: INFO - <?xml version="1.0" encoding="UTF-8"?>
<eb:Messaging xmlns:eb="http://docs.oasis-open.org/ebxml-msg/ebms/v3.0/ns/core/200704/"
xmlns:S11="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:ebbp="http://docs.oasis-open.org/ebxml-bp/ebbp-signals-2.0"
xmlns:S12="http://www.w3.org/2003/05/soap-envelope"
xmlns:wsu="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-wssecurity-utility-1.0.xsd"
xmlns:ds="http://www.w3.org/2000/09/xmldsig#"
xmlns:xlink="http://www.w3.org/1999/xlink"
S12:mustUnderstand="true"
wsu:Id="phase4-msg-21998f01-1b94-4964-adb0-13db166419b2">
<eb:UserMessage>
<eb:MessageInfo>
<eb:Timestamp>2019-08-08T12:51:52.780</eb:Timestamp>
<eb:MessageId>240d5beb-fa2c-4952-8794-df2c41639dd7@mindertestbed.org</eb:MessageId>
</eb:MessageInfo>
<eb:PartyInfo>
<eb:From>
<eb:PartyId>phoss-c2</eb:PartyId>
<eb:Role>http://www.esens.eu/as4/conformancetest/sut</eb:Role>
</eb:From>
<eb:To>
<eb:PartyId>phoss-c3</eb:PartyId>
<eb:Role>http://docs.oasis-open.org/ebxml-msg/ebms/v3.0/ns/core/200704/responder</eb:Role>
</eb:To>
</eb:PartyInfo>
<eb:CollaborationInfo>
<eb:AgreementRef pmode="phoss-c2-phoss-c3">urn:as4:agreement</eb:AgreementRef>
<eb:Service>SRV_SIMPLE_ONEWAY</eb:Service>
<eb:Action>ACT_SIMPLE_ONEWAY</eb:Action>
<eb:ConversationId>523962</eb:ConversationId>
</eb:CollaborationInfo>
<eb:MessageProperties>
<eb:Property name="originalSender">C1</eb:Property>
<eb:Property name="finalRecipient">C4</eb:Property>
</eb:MessageProperties>
<eb:PayloadInfo>
<eb:PartInfo href="cid:xmlpayload@minder">
<eb:PartProperties>
<eb:Property name="MimeType">application/xml</eb:Property>
<eb:Property name="CharacterSet">ISO-8859-1</eb:Property>
<eb:Property name="CompressionType">application/gzip</eb:Property>
</eb:PartProperties>
</eb:PartInfo>
</eb:PayloadInfo>
</eb:UserMessage>
</eb:Messaging>
2019-08-08 12:51:47,953: INFO - =====
2019-08-08 12:51:47,960: INFO - Verify And Decrypt Soap Message ...
2019-08-08 12:51:47,978: INFO - We had only one attachment. Check it to see that it is really our payload
2019-08-08 12:51:47,985: INFO - Attachment ID: <xmlpayload@minder>, MimeType: application/gzip
2019-08-08 12:51:47,990: INFO - Decompressed Payload: <min><der>sample</der></min>
2019-08-08 12:51:47,995: INFO - =====
2019-08-08 12:51:48,002: DEBUG - Assign free vars
2019-08-08 12:51:48,007: INFO - > CALL SLOT as4-adapter|8.sendMessage(byte[])
2019-08-08 12:51:48,140: INFO - < SLOT CALLED as4-adapter|8.sendMessage(byte[])
2019-08-08 12:51:48,145: INFO - < Rivet finished sucessfully
2019-08-08 12:51:48,150: INFO - -----

2019-08-08 12:51:48,156: INFO - > RUN RIVET 3
```

```

2019-08-08 12:51:48,161: DEBUG - > Wait For Signal:as4-adapter[j8.replyReceived(byte[])]
2019-08-08 12:51:48,166: DEBUG - < Signal Arrived: as4-adapter[j8.replyReceived(byte[])]
2019-08-08 12:51:48,172: INFO - =====
2019-08-08 12:51:48,179: INFO - Received the Receipt: 1565268708178
2019-08-08 12:51:48,185: INFO - RECEIPT:
2019-08-08 12:51:48,190: INFO - <?xml version="1.0" encoding="UTF-8"?>
<S12:Header xmlns:S12="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"
xmlns:wsu="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-wssecurity-utility-1.0.xsd"
S12:mustUnderstand="true">
<wsse:BinarySecurityToken EncodingType="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-soap-message-security-1.0#Base64Binary"
ValueType="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-x509-token-profile-1.0#X509v3"
wsu:Id="X509-Offc57e1-0539-4f14-aef5-
240f9bf5392d">MIIDdzCCAIfgAwIBAgIEa5bQAJANBgkqhkiG9w0BAQsFADBBSMQswCQYDVQQGEWJFVTERMA8GA1UECBMicGhvcs3MtYzZmETAPBgNVBAClTCHBob3NzLWMzMREwDwYDVQKDEWhwaG9zcycy1jMzERMA8GA1UECjMlcGhvcs3MtYzZmETAPBgNVBAMTCjBOb3NzLWMzMREwDwYDVQKDEWhwaG9zcycy1jMzCCASIIwDQyJKoZIhvcNAQEBBQADggEPADCCAQoCggEBAJRgrWo9a7DiX0yH+OAcnX8hUbbtCHluiSdeucPI2fnfWh8XorPka5rSIRJB61bU6AC/pNFk3EdtlhPxFS5AjzJ6c5U8okM
Fch8RjZdry5hf0otGqRlnTBXNGaE2xqvdrJhiZPHguNYe7sRgAyD2kFVRuXAq8bAD23DBG9X1r8dDscSAPnrUx4LF8SlqqwrSbtK0OU1fykoADsoDZhxrKVC3oDHMM4klOb9/GWmfFcH
AzGSUJYI5PG2ljWCRI4c3/AJOMIMWzeWVDvUFxp2doQ11Aua9L3bbply7DdvAbtvASwLk5QjqfVX0u3Fox5BkkeloF5TH4n0RmLKOAyCcAwEAAMhMB8WHQYDVR0OBByEFPPZzbvaU9
/2QAULJgMQckI8sgdSxG/MA0GCsqGSib3DQEBCwUAAIBAQBHGwsgC7vPMYru8b4Cgv3E3YeXIUPDYn3jOBBDZJevBhSIFPjdZ7lbP1EGcB8yiXD0d6/atwTbiX2+P+od3q+4/ZuB2ktGJSdr
51QRm/DhaJo/3GL7GcmSASWG3YjffX1/Yu6Voga/sZYmflVrnatHuD1YG4c6Zbf5P3vw0xVHNttTFDB8Zp9mKPKPJ3m2sOFii2JODzAgoTvGeZaxHPVU58bQ+KiZ8EvZvPoPiXty4aUlxd4d
ILSEGHdqpfO6vVLBYM43DUwFob4i9/iybni6IZkdAc3GSZIDkZsvTmbUe2QN+sMqp3VrpL3fMU9ig182UqIDHCmgx1/7/haJJI+</wsse:BinarySecurityToken>
<Signature xmlns:ds="http://www.w3.org/2000/09/xmldsig#"
Id="SiG-a0785f05-7cb5-4037-8db4-b8029b0da472">
<ds:SignedInfo>
<ds:CanonicalizationMethod Algorithm="http://www.w3.org/2001/10/xml-exc-c14n#">
<ec:InclusiveNamespaces xmlns:ec="http://www.w3.org/2001/10/xml-exc-c14n#" PrefixList="S12"/>
<ds:CanonicalizationMethod>
<ds:SignatureMethod Algorithm="http://www.w3.org/2001/04/xmldsig-more#rsa-sha256"/>
<ds:Reference URI="#phase4-msg-9bd9b281-9e7d-46ce-998d-f6af732d578f">
<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>c1ealxrIEBSbXC7yeGzmKX0sj2LaTgVISrxsgMKJC=</ds:DigestValue>
</ds:Reference>
<ds:Reference URI="#id-88c9580b-f75e-40ec-b732-432a9f429f26">
<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>CX6nvIW6GHuNsZuWp6vzxMUXKKZZlr6jXTsyl13FKA=</ds:DigestValue>
</ds:Reference>
<ds:SignedInfo>
<ds:SignatureValue>R/MogWqOtTe0JPOTJA5hetpDTLypgu+5Yr0OMryuEK18zlKHk5Z2Y9xia6b/LcB+oY1Rv4nxhFMLzx+4m8mK3tDZE9Dh5a2oC5Y4WzyGDkX5UnohHV6NuIR2bT8L
0yu2GS9ZLWKUjuMhWzgc3qlwGLhqI56BNMG8IZLQ7pQPkacz7oio/xjvstMKH6Jw/vND9Qt0eDfSZfjb4xtstU8Vin31IBET2VkBDmXKNVT3hi5pvZApH3ZDQHfVVlaeQPBrbm6SRFT/FI0ymA
WhyOjs5IWkauPvX1UCxCGCMImFuk+tXurK7m++1dqCPFPB+vexHXt6fV6Jk/bTuPDMyJpguw==</ds:SignatureValue>
<ds:KeyInfo Id="KI-e9fbfb71-b1ba-4fc5-987c-a5f1ae240357">
<wsse:SecurityTokenReference wsu:Id="STR-c34dda7a-b754-46fa-99cf-a443c900834b">
<wsse:Reference URI="#X509-Offc57e1-0539-4f14-aef5-240f9bf5392d"
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:S11="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:ebbp="http://docs.oasis-open.org/ebxml-bp/ebbp-signals-2.0"
xmlns:wsu="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-wssecurity-utility-1.0.xsd"
xmlns:ds="http://www.w3.org/2000/09/xmldsig#"
xmlns:xlink="http://www.w3.org/1999/xlink"
S12:mustUnderstand="true"
wsu:Id="phase4-msg-9bd9b281-9e7d-46ce-998d-f6af732d578f">
<eb:SignalMessage>
<eb:MessageInfo>
<eb:Timestamp>2019-08-08T12:51:53.182</eb:Timestamp>
<eb:MessageId>f168983e-3a07-453b-8b29-9700fc994f3b</eb:MessageId>
<eb:RefToMessageId>240d5beb-fa2c-4952-8794-df2ca1639dd7@mindentestbed.org</eb:RefToMessageId>
</eb:MessageInfo>
<eb:Receipt>
<ebbp:NonRepudiationInformation>
<ebbp:MessagePartNRInformation>
<ds:Reference URI="#phase4-msg-21998f01-1b94-4964-adb0-13db166419b2">
<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>A99C3TgOot+liw/HJyFVSafXsyvyi3fDL/VbTp7DBR4=</ds:DigestValue>
</ds:Reference>
</ebbp:MessagePartNRInformation>
<ebbp:MessagePartNRInformation>
<ds:Reference URI="#id-54770e21-a174-462b-8a3b-25244e992fa6">
<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>yqDt8JU9CgV+e+tbFUO3wV/jl811CUMDvel8LPsJ14o=</ds:DigestValue>
</ds:Reference>
</ebbp:MessagePartNRInformation>
<ebbp:NonRepudiationInformation>
</eb:Receipt>
</eb:SignalMessage>
</eb:Messaging>
</S12:Header>
2019-08-08 12:51:48,195: INFO - =====
2019-08-08 12:51:48,201: DEBUG - Assign free vars

```



```
2019-08-08 12:51:48,206: INFO - > CALL SLOT as4-adapter|8.sendResponse(byte[])
2019-08-08 12:51:48,213: INFO - < SLOT CALLED as4-adapter|8.sendResponse(byte[])
2019-08-08 12:51:48,218: INFO - < Rivet finished sucessfully
2019-08-08 12:51:48,223: INFO - -----

2019-08-08 12:51:48,228: INFO - > RUN RIVET 4
2019-08-08 12:51:48,234: DEBUG - > Wait For Signal:genericAS4Corner4|8.receiveMessage(esens.wp6.esensMshBackend.SubmissionData)
2019-08-08 12:51:49,324: DEBUG - < Signal Arrived: genericAS4Corner4|8.receiveMessage(esens.wp6.esensMshBackend.SubmissionData)
2019-08-08 12:51:49,333: INFO - =====
2019-08-08 12:51:49,338: INFO - Corner4 Received Payloads:
2019-08-08 12:51:49,343: INFO - Data
2019-08-08 12:51:49,349: INFO - originalSender: C1
2019-08-08 12:51:49,354: INFO - finalRecipient: C4
2019-08-08 12:51:49,359: INFO - refToMessageId: null
2019-08-08 12:51:49,364: INFO - conversationId: 523962
2019-08-08 12:51:49,369: INFO - messageId: 240d5beb-fa2c-4952-8794-df2c41639dd7@mindentestbed.org
2019-08-08 12:51:49,374: INFO - to: Minder
2019-08-08 12:51:49,380: INFO - from: null
2019-08-08 12:51:49,385: INFO - pModelId: null
2019-08-08 12:51:49,390: INFO - =====
2019-08-08 12:51:49,398: INFO - payloadId: xmlpayload@minder == type: application/xml.
2019-08-08 12:51:49,403: INFO - <min><der>sample</der></min>
2019-08-08 12:51:49,409: INFO - =====
2019-08-08 12:51:49,414: DEBUG - Assign free vars
2019-08-08 12:51:49,419: INFO - > CALL SLOT NULLADAPTER.NULLSLOT
2019-08-08 12:51:49,424: INFO - < SLOT CALLED NULLADAPTER.NULLSLOT
2019-08-08 12:51:49,429: INFO - < Rivet finished sucessfully
2019-08-08 12:51:49,435: INFO - -----

2019-08-08 12:51:49,440: INFO - > RUN RIVET 5
2019-08-08 12:51:49,445: DEBUG - > Wait For Signal:genericAS4Corner1|8.processNotification(esens.wp6.esensMshBackend.MessageNotification)
2019-08-08 12:51:49,596: DEBUG - < Signal Arrived: genericAS4Corner1|8.processNotification(esens.wp6.esensMshBackend.MessageNotification)
2019-08-08 12:51:49,605: DEBUG - Assign free vars
2019-08-08 12:51:49,610: INFO - > CALL SLOT NULLADAPTER.NULLSLOT
2019-08-08 12:51:49,615: INFO - < SLOT CALLED NULLADAPTER.NULLSLOT
2019-08-08 12:51:49,620: INFO - < Rivet finished sucessfully
2019-08-08 12:51:49,625: INFO - -----

2019-08-08 12:51:49,631: INFO - Test #29762 Finished
```

Test Report - AS4_CP_TA06

Overview

Test Group:	AS4 Common Profile Test Assertions
Test Assertion:	AS4_CP_TA06
Test Case:	AS4_CP_TA06_TC01
User:	ROOT
Date:	2019.08.08 12:51:50
System(s) Tested:	1- Phase4

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

Test Assertion Details

TAID:	AS4_CP_TA06
Target:	Payload location
Normative Source:	[eDelivery-AS4] "Due to the mandatory use of the AS4 compression feature in this profile (see section 2.2.3.3), XML payloads MAY be converted to binary data, which is carried in separate MIME parts and not in the SOAP Body. Conformant eDelivery AS4 messages therefore always have an empty SOAP Body." And "In any exchange involving an AS4 eb:UserMessage that has a structured document payload and any number of associated payloads, the eb:UserMessage MUST reference the structured document payload part using the first eb:PartInfo element in the eb:PayloadInfo header."
Prescription Level:	Mandatory
Prerequisite:	<ul style="list-style-type: none">• SSMH and RSMH are configured to exchange AS4 messages according to the eDelivery AS4 profile. (One-Way/Push MEP)• Producer submits a message to the SSMH with metadata information, an XML payload (leading business document) and other payloads (XML and non XML).• SSMH generates an AS4 message to send to the RSMH.
Predicate:	In the AS4 message created by the SSMH the XML payload is referenced by the first PARTINFO element inside the PAYLOADINFO element and the compressed payloads are carried in separate MIME parts and the soap body is empty.

Variables: PARTINFO: XML element of AS4 user message
Messaging/UserMessage/PayloadInfo/PartInfo PAYLOADINFO: XML
element of AS4 user message Messaging/UserMessage/PayloadInfo

Tag: Payload packaging

Log

```
2019-08-08 12:51:51,871: INFO - Minder version v2.3.0
2019-08-08 12:51:51,876: INFO - Start Test
2019-08-08 12:51:51,881: INFO - Initialize test case
2019-08-08 12:51:51,889: DEBUG - Parameters
2019-08-08 12:51:51,894: DEBUG - Corner2:phoss-c2
Corner3:phoss-c3
2019-08-08 12:51:51,900: INFO - > Initialize the Adapters
2019-08-08 12:51:51,905: INFO - Call start test on NULLADAPTER
2019-08-08 12:51:51,910: INFO - Obtain SUT Identifiers from NULLADAPTER
2019-08-08 12:51:51,915: INFO - Call start test on as4-adapter
2019-08-08 12:51:51,922: INFO - Obtain SUT Identifiers from as4-adapter
2019-08-08 12:51:51,928: INFO - System Under Test: Phase4
2019-08-08 12:51:51,933: INFO - System Under Test: Phase4
2019-08-08 12:51:51,938: INFO - Call start test on genericAS4Corner4
2019-08-08 12:51:51,944: INFO - Obtain SUT Identifiers from genericAS4Corner4
2019-08-08 12:51:51,949: INFO - Call start test on genericAS4Corner1
2019-08-08 12:51:51,955: INFO - Obtain SUT Identifiers from genericAS4Corner1
2019-08-08 12:51:51,961: INFO - > RUN RIVET 0
2019-08-08 12:51:51,966: DEBUG - Assign free vars
2019-08-08 12:51:51,971: INFO - =====
2019-08-08 12:51:51,977: INFO - Corner 2 phoss-c2
2019-08-08 12:51:51,982: INFO - Corner 3 phoss-c3
2019-08-08 12:51:51,988: INFO - =====
2019-08-08 12:51:52,012: INFO - > CALL SLOT NULLADAPTER.NULLSLOT
2019-08-08 12:51:52,017: INFO - < SLOT CALLED NULLADAPTER.NULLSLOT
2019-08-08 12:51:52,022: INFO - < Rivet finished sucessfully
2019-08-08 12:51:52,028: INFO - -----

2019-08-08 12:51:52,033: INFO - > RUN RIVET 1
2019-08-08 12:51:52,038: DEBUG - Assign free vars
2019-08-08 12:51:52,043: INFO - > CALL SLOT genericAS4Corner1|8.submitMessage(esens.wp6.esensMshBackend.SubmissionData)
2019-08-08 12:51:52,273: INFO - < SLOT CALLED genericAS4Corner1|8.submitMessage(esens.wp6.esensMshBackend.SubmissionData)
2019-08-08 12:51:52,278: INFO - < Rivet finished sucessfully
2019-08-08 12:51:52,283: INFO - -----

2019-08-08 12:51:52,289: INFO - > RUN RIVET 2
2019-08-08 12:51:52,294: DEBUG - > Wait For Signal:as4-adapter|8.messageReceived(byte[])
2019-08-08 12:51:53,474: DEBUG - < Signal Arrived: as4-adapter|8.messageReceived(byte[])
2019-08-08 12:51:53,480: INFO - =====
2019-08-08 12:51:53,485: INFO - soapMessage: [B@11af54a9
2019-08-08 12:51:53,491: INFO - =====
2019-08-08 12:51:53,496: INFO - C2 AS4 Message:
2019-08-08 12:51:53,503: INFO - <?xml version="1.0" encoding="UTF-8"?>
<eb:Messaging xmlns:eb="http://docs.oasis-open.org/ebxml-msg/ebms/v3.0/ns/core/200704/"
xmlns:S11="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:ebbp="http://docs.oasis-open.org/ebxml-bp/ebbp-signals-2.0"
xmlns:S12="http://www.w3.org/2003/05/soap-envelope"
xmlns:wsu="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-wssecurity-utility-1.0.xsd"
xmlns:ds="http://www.w3.org/2000/09/xmldsig#"
xmlns:xlink="http://www.w3.org/1999/xlink"
S12:mustUnderstand="true"
wsu:id="phase4-msg-7c51d6d6-075c-4026-91e2-d4289917fde9">
<eb:UserMessage>
<eb:MessageInfo>
<eb:Timestamp>2019-08-08T12:51:58.246</eb:Timestamp>
<eb:MessageId>aabc5e73-320e-4135-aec4-8998199c9a26@mindentestbed.org</eb:MessageId>
</eb:MessageInfo>
<eb:PartyInfo>
<eb:From>
<eb:PartyId>phoss-c2</eb:PartyId>
<eb:Role>http://www.esens.eu/as4/conformancetest/sut</eb:Role>
</eb:From>
<eb:To>
<eb:PartyId>phoss-c3</eb:PartyId>
<eb:Role>http://docs.oasis-open.org/ebxml-msg/ebms/v3.0/ns/core/200704/responder</eb:Role>
</eb:To>
</eb:PartyInfo>
<eb:CollaborationInfo>
<eb:AgreementRef pmode="phoss-c2-phoss-c3">urn:as4:agreement</eb:AgreementRef>
<eb:Service>SRV_SIMPLE_ONEWAY</eb:Service>
<eb:Action>ACT_SIMPLE_ONEWAY</eb:Action>
<eb:ConversationId>407137</eb:ConversationId>
</eb:CollaborationInfo>
<eb:MessageProperties>
<eb:Property name="originalSender">C1</eb:Property>
<eb:Property name="finalRecipient">C4</eb:Property>
</eb:MessageProperties>
<eb:PayloadInfo>
<eb:PartInfo href="cid:xmlpayload@minder">
<eb:PartProperties>
<eb:Property name="MimeType">application/xml</eb:Property>
<eb:Property name="CharacterSet">ISO-8859-1</eb:Property>
<eb:Property name="CompressionType">application/gzip</eb:Property>
</eb:PartProperties>
</eb:PartInfo>
<eb:PartInfo href="cid:xmlpayload2@minder">
<eb:PartProperties>
<eb:Property name="MimeType">application/xml</eb:Property>
<eb:Property name="CharacterSet">ISO-8859-1</eb:Property>
<eb:Property name="CompressionType">application/gzip</eb:Property>
</eb:PartProperties>
</eb:PartInfo>
<eb:PartInfo href="cid:custompayload@minder">
<eb:PartProperties>
<eb:Property name="MimeType">application/octet-stream</eb:Property>
<eb:Property name="CharacterSet">ISO-8859-1</eb:Property>
<eb:Property name="CompressionType">application/gzip</eb:Property>
</eb:PartProperties>
</eb:PartInfo>
```

```
</eb:PayloadInfo>
</eb:UserMessage>
</eb:Messaging>
2019-08-08 12:51:53,509: INFO - =====
2019-08-08 12:51:53,515: INFO - Verifying payload references ...
2019-08-08 12:51:53,520: INFO - First referenced payload inside the PayloadInfo element: xmldata@minder
2019-08-08 12:51:53,525: INFO - =====
2019-08-08 12:51:53,531: INFO - Verify And Decrypt Soap Message ...
2019-08-08 12:51:53,550: INFO - Decrypted message:
2019-08-08 12:51:53,556: INFO - <?xml version="1.0" encoding="UTF-8"?>
<S12:Header xmlns:S12="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:S11="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:ebbp="http://docs.oasis-open.org/ebxml-bp/ebbp-signals-2.0"
xmlns:wsu="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-wssecurity-utility-1.0.xsd"
xmlns:ds="http://www.w3.org/2000/09/xmldsig#"
xmlns:xlink="http://www.w3.org/1999/xlink"
S12:mustUnderstand="true"
wsu:Id="phase4-msg-7c51d6d6-075c-4026-91e2-d4289917fde9">
<eb:UserMessage>
<eb:MessageInfo>
<eb:Timestamp>2019-08-08T12:51:58.246</eb:Timestamp>
<eb:MessageId>aabc5e73-320e-4135-aec4-8998199c9a26@mindentestbed.org</eb:MessageId>
</eb:MessageInfo>
<eb:PartyInfo>
<eb:From>
<eb:PartyId>phoss-c2</eb:PartyId>
<eb:Role>http://www.esens.eu/as4/conformancetest/sut</eb:Role>
</eb:From>
<eb:To>
<eb:PartyId>phoss-c3</eb:PartyId>
<eb:Role>http://docs.oasis-open.org/ebxml-msg/ebms/v3.0/ns/core/200704/responder</eb:Role>
</eb:To>
</eb:PartyInfo>
<eb:CollaborationInfo>
<eb:AgreementRef pmode="phoss-c2-phoss-c3">urn:as4:agreement</eb:AgreementRef>
<eb:Service>SRV_SIMPLE_ONEWAY</eb:Service>
<eb:Action>ACT_SIMPLE_ONEWAY</eb:Action>
<eb:ConversationId>407137</eb:ConversationId>
</eb:CollaborationInfo>
<eb:MessageProperties>
<eb:Property name="originalSender">C1</eb:Property>
<eb:Property name="finalRecipient">C4</eb:Property>
</eb:MessageProperties>
<eb:PayloadInfo>
<eb:PartInfo href="cid:xmldata@minder">
<eb:PartProperties>
<eb:Property name="MimeType">application/xml</eb:Property>
<eb:Property name="CharacterSet">ISO-8859-1</eb:Property>
<eb:Property name="CompressionType">application/gzip</eb:Property>
</eb:PartProperties>
</eb:PartInfo>
<eb:PartInfo href="cid:xmldata2@minder">
<eb:PartProperties>
<eb:Property name="MimeType">application/xml</eb:Property>
<eb:Property name="CharacterSet">ISO-8859-1</eb:Property>
<eb:Property name="CompressionType">application/gzip</eb:Property>
</eb:PartProperties>
</eb:PartInfo>
<eb:PartInfo href="cid:custompayload@minder">
<eb:PartProperties>
<eb:Property name="MimeType">application/octet-stream</eb:Property>
<eb:Property name="CharacterSet">ISO-8859-1</eb:Property>
<eb:Property name="CompressionType">application/gzip</eb:Property>
</eb:PartProperties>
</eb:PartInfo>
</eb:PayloadInfo>
</eb:UserMessage>
</eb:Messaging>
</S12:Header>
2019-08-08 12:51:53,561: INFO - =====
2019-08-08 12:51:53,567: INFO - =====
2019-08-08 12:51:53,575: INFO - Attachment ID: <xmldata@minder>, MimeType: application/gzip
2019-08-08 12:51:53,581: INFO - =====
2019-08-08 12:51:53,586: INFO - Attachment ID: <xmldata2@minder>, MimeType: application/gzip
2019-08-08 12:51:53,592: INFO - =====
2019-08-08 12:51:53,597: INFO - Attachment ID: <custompayload@minder>, MimeType: application/gzip
2019-08-08 12:51:53,602: INFO - =====
2019-08-08 12:51:53,609: INFO - =====
2019-08-08 12:51:53,614: DEBUG - Assign free vars
2019-08-08 12:51:53,619: INFO - > CALL SLOT as4-adapter[8.sendMessage(byte[])]
2019-08-08 12:51:53,800: INFO - < SLOT CALLED as4-adapter[8.sendMessage(byte[])]
2019-08-08 12:51:53,805: INFO - < Rivet finished successfully
2019-08-08 12:51:53,810: INFO - -----

2019-08-08 12:51:53,815: INFO - > RUN RIVET 3
2019-08-08 12:51:53,821: DEBUG - > Wait For Signal:as4-adapter[8.replyReceived(byte[])]
2019-08-08 12:51:53,826: DEBUG - < Signal Arrived: as4-adapter[8.replyReceived(byte[])]
2019-08-08 12:51:53,832: INFO - =====
2019-08-08 12:51:53,838: INFO - Received the Receipt: 1565268713837
2019-08-08 12:51:53,843: INFO - =====
2019-08-08 12:51:53,850: DEBUG - Assign free vars
2019-08-08 12:51:53,855: INFO - > CALL SLOT as4-adapter[8.sendResponse(byte[])]
2019-08-08 12:51:53,861: INFO - < SLOT CALLED as4-adapter[8.sendResponse(byte[])]
2019-08-08 12:51:53,866: INFO - < Rivet finished successfully
2019-08-08 12:51:53,871: INFO - -----

2019-08-08 12:51:53,877: INFO - > RUN RIVET 4
2019-08-08 12:51:53,882: DEBUG - > Wait For Signal:genericAS4Corner1[8.processNotification(esens.wp6.esens.MshBackend.MessageNotification)]
2019-08-08 12:51:55,128: DEBUG - < Signal Arrived: genericAS4Corner1[8.processNotification(esens.wp6.esens.MshBackend.MessageNotification)]
2019-08-08 12:51:55,136: DEBUG - Assign free vars
2019-08-08 12:51:55,141: INFO - > CALL SLOT NULLADAPTER.NULLSLOT
2019-08-08 12:51:55,146: INFO - < SLOT CALLED NULLADAPTER.NULLSLOT
2019-08-08 12:51:55,152: INFO - < Rivet finished successfully
2019-08-08 12:51:55,157: INFO - -----
```

```
2019-08-08 12:51:55,162: INFO - > RUN RIVET 5
2019-08-08 12:51:55,167: DEBUG - > Wait For Signal:genericAS4Corner4|8.receiveMessage(esens.wp6.esensMshBackend.SubmissionData)
2019-08-08 12:51:55,173: DEBUG - < Signal Arrived: genericAS4Corner4|8.receiveMessage(esens.wp6.esensMshBackend.SubmissionData)
2019-08-08 12:51:55,181: DEBUG - Assign free vars
2019-08-08 12:51:55,186: INFO - > CALL SLOT NULLADAPTER.NULLSLOT
2019-08-08 12:51:55,191: INFO - < SLOT CALLED NULLADAPTER.NULLSLOT
2019-08-08 12:51:55,197: INFO - < Rivet finished sucessfully
2019-08-08 12:51:55,202: INFO - -----
2019-08-08 12:51:55,207: INFO - Test #29763 Finished
```

Test Report - AS4_CP_TA07

Overview

Test Group:	AS4 Common Profile Test Assertions
Test Assertion:	AS4_CP_TA07
Test Case:	AS4_CP_TA07_TC01
User:	ROOT
Date:	2019.08.08 12:51:56
System(s) Tested:	1- Phase4

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

Test Assertion Details

TAID: AS4_CP_TA07

Target: Payload processing

Normative Source: [eDelivery-AS4] "In any exchange involving an AS4 eb:UserMessage that has a structured document payload and any number of associated payloads, the eb:UserMessage MUST reference the structured document payload part using the first eb:PartInfo element in the eb:PayloadInfo header. Subsequent eb:PartInfo elements MAY be used to reference additional structured or unstructured payload parts. The payload part referenced using the first eb:PartInfo element is the leading payload part for business processing. Any payload parts other than the leading document payload part MUST NOT to be processed in isolation but only as adjuncts to the business document. Structured document, attachments and metadata MUST be submitted and delivered as a logical unit."

Prescription Level: Mandatory

Prerequisite: • AS4_CP_TA06 • SSMH sends an AS4 message to the RMSH.

Predicate: The RMSH successfully processes the AS4 message and sends a non-repudiation receipt to the SSMH.

Variables:

Tag: Payload packaging

Log

```
2019-08-08 12:51:57,619: INFO - Minder version v2.3.0
2019-08-08 12:51:57,624: INFO - Start Test
2019-08-08 12:51:57,629: INFO - Initialize test case
2019-08-08 12:51:57,638: DEBUG - Parameters
2019-08-08 12:51:57,643: DEBUG - Corner2:phoss-c2
Corner3:phoss-c3
2019-08-08 12:51:57,648: INFO - > Initialize the Adapters
2019-08-08 12:51:57,653: INFO - Call start test on NULLADAPTER
2019-08-08 12:51:57,658: INFO - Obtain SUT Identifiers from NULLADAPTER
2019-08-08 12:51:57,663: INFO - Call start test on as4-adapter
2019-08-08 12:51:57,670: INFO - Obtain SUT Identifiers from as4-adapter
2019-08-08 12:51:57,676: INFO - System Under Test: Phase4
2019-08-08 12:51:57,681: INFO - System Under Test: Phase4
2019-08-08 12:51:57,686: INFO - Call start test on genericAS4Corner4
2019-08-08 12:51:57,692: INFO - Obtain SUT Identifiers from genericAS4Corner4
2019-08-08 12:51:57,698: INFO - Call start test on genericAS4Corner1
2019-08-08 12:51:57,705: INFO - Obtain SUT Identifiers from genericAS4Corner1
2019-08-08 12:51:57,710: INFO - > RUN RIVET 0
2019-08-08 12:51:57,716: DEBUG - Assign free vars
2019-08-08 12:51:57,721: INFO - =====
2019-08-08 12:51:57,727: INFO - Corner 2 phoss-c2
2019-08-08 12:51:57,732: INFO - Corner 3 phoss-c3
2019-08-08 12:51:57,737: INFO - =====
2019-08-08 12:51:57,764: INFO - > CALL SLOT NULLADAPTER.NULLSLOT
2019-08-08 12:51:57,769: INFO - < SLOT CALLED NULLADAPTER.NULLSLOT
2019-08-08 12:51:57,774: INFO - < Rivet finished sucessfully
2019-08-08 12:51:57,779: INFO - -----

2019-08-08 12:51:57,785: INFO - > RUN RIVET 1
2019-08-08 12:51:57,790: DEBUG - Assign free vars
2019-08-08 12:51:57,796: INFO - > CALL SLOT genericAS4Corner1|8.submitMessage(esens.wp6.esensMshBackend.SubmissionData)
2019-08-08 12:51:58,026: INFO - < SLOT CALLED genericAS4Corner1|8.submitMessage(esens.wp6.esensMshBackend.SubmissionData)
2019-08-08 12:51:58,031: INFO - < Rivet finished sucessfully
2019-08-08 12:51:58,036: INFO - -----

2019-08-08 12:51:58,041: INFO - > RUN RIVET 2
2019-08-08 12:51:58,047: DEBUG - > Wait For Signal:as4-adapter|8.messageReceived(byte[])
2019-08-08 12:51:59,125: DEBUG - < Signal Arrived: as4-adapter|8.messageReceived(byte[])
2019-08-08 12:51:59,131: INFO - =====
2019-08-08 12:51:59,136: INFO - C2 AS4 Message:
2019-08-08 12:51:59,143: INFO - <?xml version="1.0" encoding="UTF-8"?>
<eb:Messaging xmlns:eb="http://docs.oasis-open.org/ebxml-msg/ebms/v3.0/ns/core/200704/"
xmlns:S11="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:ebbp="http://docs.oasis-open.org/ebxml-bp/ebbp-signals-2.0"
xmlns:S12="http://www.w3.org/2003/05/soap-envelope"
xmlns:wsu="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-wssecurity-utility-1.0.xsd"
xmlns:ds="http://www.w3.org/2000/09/xmldsig#"
xmlns:xlink="http://www.w3.org/1999/xlink"
S12:mustUnderstand="true"
wsu:Id="phase4-msg-99ce2f22-d6c6-4a43-99bf-8204278645b9">
<eb:UserMessage>
<eb:MessageInfo>
<eb:Timestamp>2019-08-08T12:52:03.982</eb:Timestamp>
<eb:MessageId>51b83ad8-7bcb-4a16-a2b0-abd6d08846c5@mindentestbed.org</eb:MessageId>
</eb:MessageInfo>
<eb:PartyInfo>
<eb:From>
<eb:PartyId>phoss-c2</eb:PartyId>
<eb:Role>http://www.esens.eu/as4/conformancetest/sut</eb:Role>
</eb:From>
<eb:To>
<eb:PartyId>phoss-c3</eb:PartyId>
<eb:Role>http://docs.oasis-open.org/ebxml-msg/ebms/v3.0/ns/core/200704/responder</eb:Role>
</eb:To>
</eb:PartyInfo>
<eb:CollaborationInfo>
<eb:AgreementRef pmode="phoss-c2-phoss-c3">urn:as4:agreement</eb:AgreementRef>
<eb:Service>SRV_SIMPLE_ONEWAY</eb:Service>
<eb:Action>ACT_SIMPLE_ONEWAY</eb:Action>
<eb:ConversationId>951820</eb:ConversationId>
</eb:CollaborationInfo>
<eb:MessageProperties>
<eb:Property name="originalSender">C1</eb:Property>
<eb:Property name="finalRecipient">C4</eb:Property>
</eb:MessageProperties>
<eb:PayloadInfo>
<eb:PartInfo href="cid:xmlpayload@minder">
<eb:PartProperties>
<eb:Property name="MimeType">application/xml</eb:Property>
<eb:Property name="CharacterSet">ISO-8859-1</eb:Property>
<eb:Property name="CompressionType">application/gzip</eb:Property>
</eb:PartProperties>
</eb:PartInfo>
<eb:PartInfo href="cid:xmlpayload2@minder">
<eb:PartProperties>
<eb:Property name="MimeType">application/xml</eb:Property>
<eb:Property name="CharacterSet">ISO-8859-1</eb:Property>
<eb:Property name="CompressionType">application/gzip</eb:Property>
</eb:PartProperties>
</eb:PartInfo>
<eb:PartInfo href="cid:custompayload@minder">
<eb:PartProperties>
<eb:Property name="MimeType">application/octet-stream</eb:Property>
<eb:Property name="CharacterSet">ISO-8859-1</eb:Property>
<eb:Property name="CompressionType">application/gzip</eb:Property>
</eb:PartProperties>
</eb:PartInfo>
</eb:PayloadInfo>
</eb:UserMessage>
```



```
</eb:Messaging>
2019-08-08 12:51:59,148: INFO - =====
2019-08-08 12:51:59,155: INFO - Verify And Decrypt Soap Message ...
2019-08-08 12:51:59,174: INFO - =====
2019-08-08 12:51:59,183: INFO - Attachment ID: <xmlpayload@minder>, MimeType: application/gzip
2019-08-08 12:51:59,188: INFO - =====
2019-08-08 12:51:59,194: INFO - Attachment ID: <xmlpayload2@minder>, MimeType: application/gzip
2019-08-08 12:51:59,199: INFO - =====
2019-08-08 12:51:59,204: INFO - Attachment ID: <custompayload@minder>, MimeType: application/gzip
2019-08-08 12:51:59,210: INFO - =====
2019-08-08 12:51:59,217: DEBUG - Assign free vars
2019-08-08 12:51:59,222: INFO - > CALL SLOT as4-adapter[8.sendMessage(byte[])]
2019-08-08 12:51:59,384: INFO - < SLOT CALLED as4-adapter[8.sendMessage(byte[])]
2019-08-08 12:51:59,390: INFO - < Rivet finished sucessfully
2019-08-08 12:51:59,395: INFO - -----

2019-08-08 12:51:59,400: INFO - > RUN RIVET 3
2019-08-08 12:51:59,405: DEBUG - > Wait For Signal:as4-adapter[8.replyReceived(byte[])]
2019-08-08 12:51:59,411: DEBUG - < Signal Arrived: as4-adapter[8.replyReceived(byte[])]
2019-08-08 12:51:59,416: INFO - =====
2019-08-08 12:51:59,423: INFO - Received the Receipt: 1565268719422
2019-08-08 12:51:59,428: INFO - =====
2019-08-08 12:51:59,435: INFO - RECEIPT:
2019-08-08 12:51:59,440: INFO - <?xml version="1.0" encoding="UTF-8"?>
<S12:Header xmlns:S12="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"
xmlns:wsu="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-wssecurity-utility-1.0.xsd"
S12:mustUnderstand="true">
<wsse:BinarySecurityToken EncodingType="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-soap-message-security-1.0#Base64Binary"
ValueType="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-x509-token-profile-1.0#X509v3"
wsu:Id="X509-eba11d46-ee32-4f73-a246-
609a2414b2eb">MIIddZCCAI+gAwIBAgIEa5bQAjANBgkqhkiG9w0BAQsFADBBMQswCQYDVQQGEwJFVTERMA8GA1UECBMicGhvc3MtYzYxMxETAPBgNVBACtCHBob3NzLWZWMzMRew
DwYDVQQKEWhwaG9zcyc1jMzERMA8GA1UECzMicGhvc3MtYzYxMxETAPBgNVBAMTCHBob3NzLWZWMzMRewDwYDVQQHEWhwaG9zcyc1jMzERMA8GA1UEChMicGhvc3MtYzYxMxETAPBgNVBAsTCHBob3NzLWZWMzMRewDwYDVQQDEWhwaG9zc
y1jMzERMA8GA1UECm9wYzYxMxETAPBgNVBAsTCHBob3NzLWZWMzMRewDwYDVQQDZDZlbnB1bU6AC/pNFK3EdtlhPxFs5AjzJ6c5U8okM
36R8JZdry5hfo0tQqRlnTBXNgaE2xqvdrrJhiZPHguNYe7sRgAyd2kFvWRuXAq8uAD23DBG9X1r8dDscSAPnrUx4LF8SIqqwrSbtK00U1fykoADsoDZhrxKvC3oDHEMMMM4kIOb9/GWmFcH
AzGSUjYI5P62lJWCRDi4c3/AjOMIMWzeWdVufXpv2doQ11Aua9L3bbply7DDvAbtvASwLk5QjQVfVX0u3Fxo5BkkeloF5TH4n0RmLKOAYcCAwEAAMhMB8wHQYDVR0OBYYEFPZzbvaU9
/2QALJigMacKiSgdSxG/MAOGCSqSgSlb3DQEBGcwAA4IBAQBHGwsgC7vPMYru8b4Cgv3E3YeXIUPDYn3jOBDZJevBhSIFPjdZ7IbP1EGcB8yIXD0d6/atwTbiX2+P+od3q+4/ZuB2ktGJSdr
51lQrM/DhaJo/3GL7GcmSASWG3YjffX1/Yu6Voga/sZYmfiVrnatHuD1YG4c6Zbf5P3vw0xVHNT1TFDB8z9pMKPKPJ3m2sOFii2JODzAgoTl/GeZaXHPVU58bQ+KiZ8EvZvPoPiXty4aUlx4d
ILSEGHdQpfO6vVLBYM43DUwFob4I9l/fybn6IZKdAc3GSZIDkZsvTmbUe2QNs+Mqp3VrPL3fMU9ig182UqlDHCmGx1/7/haJJi+</wsse:BinarySecurityToken>
<ds:Signature xmlns:ds="http://www.w3.org/2000/09/xmldsig#"
Id="SIG-Oca39fa5-8c1f-4502-ba58-c4f94403933a">
<ds:SignedInfo>
<ds:CanonicalizationMethod Algorithm="http://www.w3.org/2001/10/xml-exc-c14n#">
<ec:InclusiveNamespaces xmlns:ec="http://www.w3.org/2001/10/xml-exc-c14n#" PrefixList="S12"/>
</ds:CanonicalizationMethod>
<ds:SignatureMethod Algorithm="http://www.w3.org/2001/04/xmldsig-more#rsa-sha256"/>
<ds:Reference URI="#phase4-msg-35ce3790-da51-4996-8df6-579222b1bd6c">
<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>DUwJJwArTqj0Xvuvp3HKf4FWej2oHrPFiNYqZijdtU=</ds:DigestValue>
</ds:Reference>
<ds:Reference URI="#id-5c00b0fa-acf5-4d23-ad2a-417a1d255106">
<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>aHdBKRUzNsRj3q9A3TEh1T2qrps1n2wvnMyEQSzPgg=</ds:DigestValue>
</ds:Reference>
</ds:SignedInfo>
<ds:SignatureValue>IRKQCSUv5+jvczYC5y1N/h63kOFbUjIVbv/lmxJzvrYrYDnyCH4oK7pqr/YChmXIN4rYUjVX27AABh0EQDmaOMItymceZ8il6JU3CR69xHRQyJnfr84B8PInuLxhjv6Dq2
QtKUKooulqldrivBQzZ7/DZjU7Vla2Dw0H3fXUR93eiz4BwQpFYeFspdTtk9+4LrZlVunbE1g376ME7IKnOILmL7Gu5J9Biawe5h4U6TONRjInSlhpUJ7X6wQvGwXcuXHKmbioo/MQMs
Sswwhcea2Wk+yINLYETDERiWfM8X+H8cGYGzgoYrQ0N1ogPtpBmPsmFmIKbsbkSyQ==</ds:SignatureValue>
<ds:KeyInfo Id="KI-1394adda-a56a-4279-ad12-b2e1a2f8ea24">
<wsse:SecurityTokenReference wsu:Id="STR-2c91a982-6767-4fe1-a80f-ea1aee9ed5a3">
<wsse:Reference URI="#X509-eba11d46-ee32-4f73-a246-609a2414b2eb">
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:S11="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:ebbp="http://docs.oasis-open.org/ebxml-bp/ebbp-signals-2.0"
xmlns:wsu="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-wssecurity-utility-1.0.xsd"
xmlns:ds="http://www.w3.org/2000/09/xmldsig#"
xmlns:xlink="http://www.w3.org/1999/xlink"
S12:mustUnderstand="true"
wsu:Id="phase4-msg-35ce3790-da51-4996-8df6-579222b1bd6c">
<eb:SignalMessage>
<eb:MessageInfo>
<eb:Timestamp>2019-08-08T12:52:04.421</eb:Timestamp>
<eb:MessageId>06d538b5-1785-4041-aa20-dcb1bea42a60@phase4</eb:MessageId>
<eb:RefToMessageId>51b83ad8-7bcb-4a16-a2b0-abd6d08846c5@mindentestbed.org</eb:RefToMessageId>
</eb:MessageInfo>
<eb:Receipt>
<ebbp:NonRepudiationInformation>
<ebbp:MessagePartNRInformation>
<ds:Reference URI="#phase4-msg-99ce2f22-d6c6-4a43-99bf-8204278645b9">
<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>xjKVgCWpCkKBAbC6B8ciiy46UIPXNCFM8HwEMWI+0ig=</ds:DigestValue>
</ds:Reference>
</ebbp:MessagePartNRInformation>
<ebbp:MessagePartNRInformation>
<ds:Reference URI="#id-6d8a7652-c23c-41a8-b309-86577fff89a5">
<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>NL/C2iPR3eqwYD7JlhqL7LrWTdEkDT61mGeUXBFE=</ds:DigestValue>
```

```
</ds:Reference>
</ebbp:MessagePartNRInformation>
<ebbp:MessagePartNRInformation>
<ds:Reference URI="cid:xmldata@minder">
<ds:Transforms>
<ds:Transform Algorithm="http://docs.oasis-open.org/wss/oasis-wss-SwAPProfile-1.1#Attachment-Content-Signature-Transform"/>
</ds:Transforms>
<ds:DigestMethod Algorithm="http://www.w3.org/2001/04/xmldsig#sha256"/>
<ds:DigestValue>ygDt8JU9CgV+e+tbUO3wVjI811CUMDvel8LpSJ14o=</ds:DigestValue>
</ds:Reference>
</ebbp:MessagePartNRInformation>
<ebbp:MessagePartNRInformation>
<ds:Reference URI="cid:xmldata2@minder">
<ds:Transforms>
<ds:Transform Algorithm="http://docs.oasis-open.org/wss/oasis-wss-SwAPProfile-1.1#Attachment-Content-Signature-Transform"/>
</ds:Transforms>
<ds:DigestMethod Algorithm="http://www.w3.org/2001/04/xmldsig#sha256"/>
<ds:DigestValue>UbMYV5CWJKXCyy1MPt54+wFeYbjnWlyqr0OQig7w2Vs=</ds:DigestValue>
</ds:Reference>
</ebbp:MessagePartNRInformation>
<ebbp:MessagePartNRInformation>
<ds:Reference URI="cid:custompayload@minder">
<ds:Transforms>
<ds:Transform Algorithm="http://docs.oasis-open.org/wss/oasis-wss-SwAPProfile-1.1#Attachment-Content-Signature-Transform"/>
</ds:Transforms>
<ds:DigestMethod Algorithm="http://www.w3.org/2001/04/xmldsig#sha256"/>
<ds:DigestValue>r7CJBboV5qQij53dkc1t13rbaTa3dKkqkCR5ankrf0=</ds:DigestValue>
</ds:Reference>
</ebbp:MessagePartNRInformation>
</ebbp:NonRepudiationInformation>
</eb:Receipt>
</eb:SignalMessage>
</eb:Messaging>
</S12:Header>
2019-08-08 12:51:59,445: INFO - =====
2019-08-08 12:51:59,451: DEBUG - Assign free vars
2019-08-08 12:51:59,456: INFO - > CALL SLOT as4-adapter[8].sendResponse(byte[])
2019-08-08 12:51:59,462: INFO - < SLOT CALLED as4-adapter[8].sendResponse(byte[])
2019-08-08 12:51:59,467: INFO - < Rivet finished successfully
2019-08-08 12:51:59,472: INFO - -----

2019-08-08 12:51:59,477: INFO - > RUN RIVET 4
2019-08-08 12:51:59,483: DEBUG - > Wait For Signal:genericAS4Corner1[8].processNotification(esens.wp6.esensMshBackend.MessageNotification)
2019-08-08 12:52:00,770: DEBUG - < Signal Arrived: genericAS4Corner1[8].processNotification(esens.wp6.esensMshBackend.MessageNotification)
2019-08-08 12:52:00,779: INFO - =====
2019-08-08 12:52:00,784: INFO - Corner1 backend NOTIFICATION
2019-08-08 12:52:00,789: INFO - status :Receipt
2019-08-08 12:52:00,794: INFO - messageId: 51b83ad8-7bcb-4a16-a2b0-abd6d08846c5@mindertestbed.org
2019-08-08 12:52:00,800: INFO - shortDescription: null
2019-08-08 12:52:00,805: INFO - descriptionnull
2019-08-08 12:52:00,810: INFO - =====
2019-08-08 12:52:00,817: DEBUG - Assign free vars
2019-08-08 12:52:00,822: INFO - > CALL SLOT NULLADAPTER.NULLSLOT
2019-08-08 12:52:00,827: INFO - < SLOT CALLED NULLADAPTER.NULLSLOT
2019-08-08 12:52:00,832: INFO - < Rivet finished successfully
2019-08-08 12:52:00,838: INFO - -----

2019-08-08 12:52:00,843: INFO - > RUN RIVET 5
2019-08-08 12:52:00,848: DEBUG - > Wait For Signal:genericAS4Corner4[8].receiveMessage(esens.wp6.esensMshBackend.SubmissionData)
2019-08-08 12:52:00,853: DEBUG - < Signal Arrived: genericAS4Corner4[8].receiveMessage(esens.wp6.esensMshBackend.SubmissionData)
2019-08-08 12:52:00,862: INFO - =====
2019-08-08 12:52:00,867: INFO - Corner4 Received Payloads:
2019-08-08 12:52:00,873: INFO - Data
2019-08-08 12:52:00,878: INFO - originalSender: C1
2019-08-08 12:52:00,883: INFO - finalRecipient: C4
2019-08-08 12:52:00,888: INFO - refToMessageId: null
2019-08-08 12:52:00,893: INFO - conversationId: 951820
2019-08-08 12:52:00,899: INFO - messageId: 51b83ad8-7bcb-4a16-a2b0-abd6d08846c5@mindertestbed.org
2019-08-08 12:52:00,904: INFO - to: Minder
2019-08-08 12:52:00,909: INFO - from: null
2019-08-08 12:52:00,914: INFO - pModelId: null
2019-08-08 12:52:00,919: INFO - =====
2019-08-08 12:52:00,925: INFO - Verifying that all attachments are present ...
2019-08-08 12:52:00,930: INFO - Payloads:
2019-08-08 12:52:00,935: INFO - =====
2019-08-08 12:52:00,941: INFO - payloadId: xmldata@minder
2019-08-08 12:52:00,947: INFO - payload type: application/xml
2019-08-08 12:52:00,952: INFO - <min><der>sample</der></min>
2019-08-08 12:52:00,957: INFO - =====
2019-08-08 12:52:00,962: INFO - payloadId: xmldata2@minder
2019-08-08 12:52:00,968: INFO - payload type: application/xml
2019-08-08 12:52:00,973: INFO - <another>XML Document</another>
2019-08-08 12:52:00,978: INFO - =====
2019-08-08 12:52:00,983: INFO - payloadId: custompayload@minder
2019-08-08 12:52:00,988: INFO - payload type: application/octet-stream
2019-08-08 12:52:00,994: INFO - !! Modify me after submission, if you dare!!
2019-08-08 12:52:00,999: INFO - =====
2019-08-08 12:52:01,004: INFO - All the payloads are present.
2019-08-08 12:52:01,009: INFO - =====
2019-08-08 12:52:01,014: DEBUG - Assign free vars
2019-08-08 12:52:01,020: INFO - > CALL SLOT NULLADAPTER.NULLSLOT
2019-08-08 12:52:01,025: INFO - < SLOT CALLED NULLADAPTER.NULLSLOT
2019-08-08 12:52:01,030: INFO - < Rivet finished successfully
2019-08-08 12:52:01,035: INFO - -----

2019-08-08 12:52:01,040: INFO - Test #29764 Finished
```

Test Report - AS4_CP_TA08

Overview

Test Group:	AS4 Common Profile Test Assertions
Test Assertion:	AS4_CP_TA08
Test Case:	AS4_CP_TA08_TC01
User:	ROOT
Date:	2019.08.08 12:52:02
System(s) Tested:	1- Phase4

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

Test Assertion Details

TAID:	AS4_CP_TA08
Target:	Payload location
Normative Source:	[eDelivery-AS4] "The ebMS3 mechanism of supporting "external" payloads via hyperlink references (as mentioned in section 5.2.2.12 of the ebMS3 Core Specification [EBMS3]) MUST NOT be used."
Prescription Level:	Mandatory
Prerequisite:	<ul style="list-style-type: none">• SSMH and RSMH are configured to exchange AS4 messages according to the eDelivery AS4 profile (One-Way/Push MEP).• SSMH is simulated to send an AS4 user message with a payload hyperlink reference.
Predicate:	The RSMH sends back a synchronous ebMS error message.
Variables:	
Tag:	Payload reference

Log

```
2019-08-08 12:52:03,324: INFO - Minder version v2.3.0
2019-08-08 12:52:03,329: INFO - Start Test
2019-08-08 12:52:03,334: INFO - Initialize test case
2019-08-08 12:52:03,342: DEBUG - Parameters
2019-08-08 12:52:03,347: DEBUG - Corner2:phoss-c2
Corner3:phoss-c3
2019-08-08 12:52:03,353: INFO - > Initialize the Adapters
2019-08-08 12:52:03,358: INFO - Call start test on NULLADAPTER
2019-08-08 12:52:03,363: INFO - Obtain SUT Identifiers from NULLADAPTER
2019-08-08 12:52:03,368: INFO - Call start test on as4-adapter
2019-08-08 12:52:03,375: INFO - Obtain SUT Identifiers from as4-adapter
2019-08-08 12:52:03,380: INFO - System Under Test: Phase4
2019-08-08 12:52:03,386: INFO - System Under Test: Phase4
2019-08-08 12:52:03,391: INFO - Call start test on genericAS4Corner1
2019-08-08 12:52:03,397: INFO - Obtain SUT Identifiers from genericAS4Corner1
2019-08-08 12:52:03,402: INFO - > RUN RIVET 0
2019-08-08 12:52:03,407: DEBUG - Assign free vars
2019-08-08 12:52:03,413: INFO - =====
2019-08-08 12:52:03,419: INFO - Corner 2 phoss-c2
2019-08-08 12:52:03,424: INFO - Corner 3 phoss-c3
2019-08-08 12:52:03,429: INFO - =====
2019-08-08 12:52:03,454: INFO - > CALL SLOT NULLADAPTER.NULLSLOT
2019-08-08 12:52:03,459: INFO - < SLOT CALLED NULLADAPTER.NULLSLOT
2019-08-08 12:52:03,464: INFO - < Rivet finished sucessfully
2019-08-08 12:52:03,470: INFO - -----

2019-08-08 12:52:03,475: INFO - > RUN RIVET 1
2019-08-08 12:52:03,480: DEBUG - Assign free vars
2019-08-08 12:52:03,485: INFO - > CALL SLOT genericAS4Corner1|8.submitMessage(esens.wp6.esensMshBackend.SubmissionData)
2019-08-08 12:52:03,698: INFO - < SLOT CALLED genericAS4Corner1|8.submitMessage(esens.wp6.esensMshBackend.SubmissionData)
2019-08-08 12:52:03,704: INFO - < Rivet finished sucessfully
2019-08-08 12:52:03,709: INFO - -----

2019-08-08 12:52:03,714: INFO - > RUN RIVET 2
2019-08-08 12:52:03,719: DEBUG - > Wait For Signal:as4-adapter|8.messageReceived(byte[])
2019-08-08 12:52:04,761: DEBUG - < Signal Arrived: as4-adapter|8.messageReceived(byte[])
2019-08-08 12:52:04,767: INFO - =====
2019-08-08 12:52:04,772: INFO - C2 AS4 Message:
2019-08-08 12:52:04,780: INFO - <?xml version="1.0" encoding="UTF-8"?>
<eb:Messaging xmlns:eb="http://docs.oasis-open.org/ebxml-msg/ebms/v3.0/ns/core/200704/"
xmlns:S11="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:ebbp="http://docs.oasis-open.org/ebxml-bp/ebbp-signals-2.0"
xmlns:S12="http://www.w3.org/2003/05/soap-envelope"
xmlns:wsu="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-wssecurity-utility-1.0.xsd"
xmlns:ds="http://www.w3.org/2000/09/xmldsig#"
xmlns:xlink="http://www.w3.org/1999/xlink"
S12:mustUnderstand="true"
wsu:Id="phase4-msg-eff9c4e7-c9cf-4f60-b20c-ec76db5a59d0">
<eb:UserMessage>
<eb:MessageInfo>
<eb:Timestamp>2019-08-08T12:52:09.637</eb:Timestamp>
<eb:MessageId>b1cb7582-9ce3-4457-a85a-8e4399232d81@mindertestbed.org</eb:MessageId>
</eb:MessageInfo>
<eb:PartyInfo>
<eb:From>
<eb:PartyId>phoss-c2</eb:PartyId>
<eb:Role>http://www.esens.eu/as4/conformancetest/sut</eb:Role>
</eb:From>
<eb:To>
<eb:PartyId>phoss-c3</eb:PartyId>
<eb:Role>http://docs.oasis-open.org/ebxml-msg/ebms/v3.0/ns/core/200704/responder</eb:Role>
</eb:To>
</eb:PartyInfo>
<eb:CollaborationInfo>
<eb:AgreementRef pmode="phoss-c2-phoss-c3">urn:as4:agreement</eb:AgreementRef>
<eb:Service>SRV_SIMPLE_ONEWAY</eb:Service>
<eb:Action>ACT_SIMPLE_ONEWAY</eb:Action>
<eb:ConversationId>790374</eb:ConversationId>
</eb:CollaborationInfo>
<eb:MessageProperties>
<eb:Property name="originalSender">C1</eb:Property>
<eb:Property name="finalRecipient">C4</eb:Property>
</eb:MessageProperties>
<eb:PayloadInfo>
<eb:PartInfo href="cid:xmlpayload@minder">
<eb:PartProperties>
<eb:Property name="MimeType">application/xml</eb:Property>
<eb:Property name="CharacterSet">ISO-8859-1</eb:Property>
<eb:Property name="CompressionType">application/gzip</eb:Property>
</eb:PartProperties>
</eb:PartInfo>
<eb:PartInfo href="cid:custompayload@minder">
<eb:PartProperties>
<eb:Property name="MimeType">application/octet-stream</eb:Property>
<eb:Property name="CharacterSet">ISO-8859-1</eb:Property>
<eb:Property name="CompressionType">application/gzip</eb:Property>
</eb:PartProperties>
</eb:PartInfo>
</eb:PayloadInfo>
</eb:UserMessage>
</eb:Messaging>
2019-08-08 12:52:04,785: INFO - =====
2019-08-08 12:52:04,790: INFO - C2 AS4 Security Header:
2019-08-08 12:52:04,796: INFO - <?xml version="1.0" encoding="UTF-8"?>
<wsse:Security xmlns:wsse="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-wssecurity-secext-1.0.xsd"
xmlns:S12="http://www.w3.org/2003/05/soap-envelope"
xmlns:wsu="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-wssecurity-utility-1.0.xsd"
S12:mustUnderstand="true">
<wsse:BinarySecurityToken EncodingType="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-soap-message-security-1.0#Base64Binary"
```

```
ValueType="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-x509-token-profile-1.0#X509v3"
wsu:Id="G3b17ef34-39fd-4526-bd0d-a562e51cc3e7">MIIDdzCAAI+gAwIBAgIEa5bQAJANBgkqhkiG9w0BAQsFADBBMQswCQYDVQQGEwJFVTERMA8GA1UECBMlGhvc3MtYzIxMxETAPBgNVBAMTCgBOb3NzLWZWMREwDwYDVQQKEWhwaG9zcy1jMzERMA8GA1UECXMlGhvc3MtYzIxMxETAPBgNVBAMTCgBOb3NzLWZWMZMB4XDTE5MDYwMzE0MzUyMfoXDTIxMDYwMjE0MzUyMFowbDELMAkGA1UEBhMCRVUxETAPBgNVBAGTCgBOb3NzLWZWMZMRERwDwYDVQQHEWhwaG9zcy1jMzERMA8GA1UEChMlGhvc3MtYzIxMxETAPBgNVBAsTCgBOb3NzLWZWMZMRERwDwYDVQQDEWhwaG9zcy1jMzCCASlwDQYJKoZIhvcNAQEBBQADggEPADCCAAQoCggEBAJrgRWo9a7DiX0yH+0ACnX8hUbbtCHLuiSdeucPI2fnfWh8XorPka5rSIRJb61bU6AC/pNFK3EdtIhPxFs5Ajl6c5U8okM36R8jZdry5hfo0tGqRlnTBXNgaE2xqvdrJhiZPHGUhNye7sRgAyd2kFVWRuXAq8uAD23DBG9X1r8dDscSAPnrUx4LF8SlqqwrSbtK0OU1fykoADsoDZhrkVc3oDHEMMM4kIOb9/GWmFcHAzGSUjYl5PG2lIJWCRDi4c3/AjOMIMMWzeWDvUfXpv2doQ1lAua9L3bbIpy7DDvAbtvASwLk5qJqVX0u3Fxo5BkkeloF5TH4n0RmLKOAYcCAwEAAMhMB8wHQYDVR0OBBYEFZzbvaU9/2QALJgMqcKtSgdSxG/MA0GCSqSIlb3DQEBcWUAA4IBAQBHGwsgC7vPMYru8b4Cgv3E3YeXIUPDYn3JOBdzJevBhSIFFPjdZ7IbP1EGCB8yIXD0d6/atwTbiX2+P+od3q+4/ZuB2ktGJSdr51lQrM/DhaJo/3GL7GcmSASVG3YjffX1/Yu6Voga/sZYmflVrnatHuD1YG4c6Zbf5P3vwoXVHNTtTfDB8Zp9mKPKP3m2sOFi2JODzAgoTf/GeZaXHPVU58bQ+Kiz8EvZvPoPiXty4aUlx4d4dILSEGHdqpfo6VVLBYM43DUwFob4i9Iiybn6iZKdAc3GSZIDkZsvTmbUe2QNns+Mqp3VrPl3fMU9ig182UqIDHCmGx1/7/haJji+/-wsse:BinarySecurityToken>
<xenc:EncryptedKey xmlns:xenc="http://www.w3.org/2001/04/xmenc#"
Id="EK-3647d8a6-b1c7-4c5d-b1af-764ca9d3e5fd">
<xenc:EncryptionMethod Algorithm="http://www.w3.org/2009/xmenc11#rsa-oaep">
<ds:DigestMethod xmlns:ds="http://www.w3.org/2000/09/xmldsig#"
Algorithm="http://www.w3.org/2001/04/xmenc#sha256"/>
<xenc11:MGF xmlns:xenc11="http://www.w3.org/2009/xmenc11#"
Algorithm="http://www.w3.org/2009/xmenc11#mgf1sha256"/>
</xenc:EncryptionMethod>
<ds:KeyInfo xmlns:ds="http://www.w3.org/2000/09/xmldsig#">
<wsse:SecurityTokenReference>
<wsse:Reference URI="#G3b17ef34-39fd-4526-bd0d-a562e51cc3e7"
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>P38uxpxbzuBFqC0uxGxvI394VEzE42OUFglUe7whPbNpzc4d0VTfBwUSeBC6MRE4T3/Lntt51lXmsXkW3jGSJ8fUX48eJKLF+ZPIkcnFCB0BqnGc9ejwjR1ZbW//bwuFe0JCmVPGTNZVUDmFrusWnluZRHZr8AH2iO2N83pbE+ETTBbLNYJyazJzbzhZQKozY2IiNpbWQtHJdDwZ3fXkcjoNJ9ebZ6xrj2w49qFsBcYwdjUUXcd0nEWEku5t9tm1iU3qVmpj+K6fSXlv9lwtDzmjYcoq6eg0lhHFQI3Tryj5CTXuY0PLqFqOlaj9uwagxl9xRnJpN5puH6SSg==</xenc:CipherValue>
</xenc:CipherData>
<xenc:ReferenceList>
<xenc:DataReference URI="#ED-e9e4b4ec-a653-4f57-b923-fe6a3c9d3ceb"/>
<xenc:DataReference URI="#ED-461a8b35-104e-4c64-838d-8b38e3efbe89"/>
</xenc:ReferenceList>
<xenc:EncryptedKey>
<xenc:EncryptedData xmlns:xenc="http://www.w3.org/2001/04/xmenc#"
Id="ED-461a8b35-104e-4c64-838d-8b38e3efbe89"
MimeType="application/gzip"
Type="http://docs.oasis-open.org/wss/oasis-wss-SwAProfile-1.1#Attachment-Content-Only">
<xenc:EncryptionMethod Algorithm="http://www.w3.org/2009/xmenc11#aes128-gcm"/>
<ds:KeyInfo xmlns:ds="http://www.w3.org/2000/09/xmldsig#">
<wsse:SecurityTokenReference xmlns:wsse11="http://docs.oasis-open.org/wss/oasis-wss-wssecurity-secext-1.1.xsd"
wsse11:TokenType="http://docs.oasis-open.org/wss/oasis-wss-soap-message-security-1.1#EncryptedKey">
<wsse:Reference URI="#EK-3647d8a6-b1c7-4c5d-b1af-764ca9d3e5fd"/>
</wsse:SecurityTokenReference>
</ds:KeyInfo>
<xenc:CipherData>
<xenc:CipherReference URI="cid:custompayload@minder">
<xenc:Transforms>
<ds:Transform xmlns:ds="http://www.w3.org/2000/09/xmldsig#"
Algorithm="http://docs.oasis-open.org/wss/oasis-wss-SwAProfile-1.1#Attachment-Ciphertext-Transform"/>
</ds:Transform>
</xenc:Transforms>
</xenc:CipherReference>
</xenc:CipherData>
</xenc:EncryptedData>
<xenc:EncryptedData xmlns:xenc="http://www.w3.org/2001/04/xmenc#"
Id="ED-e9e4b4ec-a653-4f57-b923-fe6a3c9d3ceb"
MimeType="application/gzip"
Type="http://docs.oasis-open.org/wss/oasis-wss-SwAProfile-1.1#Attachment-Content-Only">
<xenc:EncryptionMethod Algorithm="http://www.w3.org/2009/xmenc11#aes128-gcm"/>
<ds:KeyInfo xmlns:ds="http://www.w3.org/2000/09/xmldsig#">
<wsse:SecurityTokenReference xmlns:wsse11="http://docs.oasis-open.org/wss/oasis-wss-wssecurity-secext-1.1.xsd"
wsse11:TokenType="http://docs.oasis-open.org/wss/oasis-wss-soap-message-security-1.1#EncryptedKey">
<wsse:Reference URI="#EK-3647d8a6-b1c7-4c5d-b1af-764ca9d3e5fd"/>
</wsse:SecurityTokenReference>
</ds:KeyInfo>
<xenc:CipherData>
<xenc:CipherReference URI="cid:xmlpayload@minder">
<xenc:Transforms>
<ds:Transform xmlns:ds="http://www.w3.org/2000/09/xmldsig#"
Algorithm="http://docs.oasis-open.org/wss/oasis-wss-SwAProfile-1.1#Attachment-Ciphertext-Transform"/>
</ds: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"
ValueTypes="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-x509-token-profile-1.0#X509v3"
wsu:Id="X509-24aaa8fa-2453-4360-9f34-ba7ca00e7778">MIIDdzCAAI+gAwIBAgIEWYzEPJANBgkqhkiG9w0BAQsFADBBMQswCQYDVQQGEwJFVTERMA8GA1UECBMlGhvc3MtYzIxETAPBgNVBAMTCgBOb3NzLWZWMYMRERwDwYDVQQKEWhwaG9zcy1jMjERMA8GA1UECXMlGhvc3MtYzIxETAPBgNVBAMTCgBOb3NzLWZWMYMRERwDwYDVQQHEWhwaG9zcy1jMjERMA8GA1UEChMlGhvc3MtYzIxETAPBgNVBAsTCgBOb3NzLWZWMYMRERwDwYDVQQDEWhwaG9zcy1jMjCCASlwDQYJKoZIhvcNAQEBBQADggEPADCCAAQoCggEBAII2bKxvzZUZyRaMsdJqDqWDqRSCA0fV7z6eQNJpl6PH7OuoJaErfl/sDz5oHMTT/YbAqk9ZpqiFkb05ZrnNBkaONLC/TMXq8pcZP2iKY06p05Y2ZKlpuWVo8+xttYTk+QGWOAZkEOU3Zw7e7UnL0SPuMzA4pLuSf54olGzoUBWYR6JPUUalWbCK7+irDN95F4soCYAggP3jlwalWiJmJHZC4dqNk2S3ev3D5/chxmEAPxXBFFQoXoNko047XqGLS5u2gqNKwUioeCvLw+1CJAKAGCzjwfE/IM1i+FsPQ0PbvZzxJgXJleoZY57IplV1Cv8736Q++cekCtDaq93cCAwEAAMhMB8wHQYDVR0OBBYEFDFWvAD19aj0iOrygeV5lrk0qyOYMA0GCSqSIlb3DQEBcWUAA4IBAQB+9+ci0fGG3un06F8KdsAcnxa+8Ra0SUqpYmYUxBfGwxJUn7UIUANARxoo1KUa1dLYrt9GMJelPly/hZmtaSpTychSuB1I9rNaU1lN8rVwkk3mEarwFYBoeNPhvSUbnTJaTdwyUvQeLDXIKJehcVvHbUICaRswPGOPUUF7/1L7JBTHStB3RPCi8Di2kCQzBwVMsb83aURq/+fj84jC1xsQMWFQXa0mqRmTNTQ5gHCkjtT0pKpx88YKWLh+/x5yV7nGiIF+gz7OpeFRkq1ocU3BZLGYti8GT29j0z9i966ZC5pRknrlvw7amHlIZiUGfPoiWJm3zHu8J9P6m7d/4</wsse:BinarySecurityToken>
<ds:Signature xmlns:ds="http://www.w3.org/2000/09/xmldsig#"
Id="SIG-5c331894-8dbe-44d7-aab3-52dbaabbef88">
<ds:SignedInfo>
<ds:CanonicalizationMethod Algorithm="http://www.w3.org/2001/10/xml-exc-c14n#">
<ec:InclusiveNamespaces xmlns:ec="http://www.w3.org/2001/10/xml-exc-c14n#" PrefixList="S12"/>
</ds:CanonicalizationMethod>
<ds:SignatureMethod Algorithm="http://www.w3.org/2001/04/xmldsig-more#rsa-sha256"/>
<ds:Reference URI="#phase4-msg-eff9c4e7-c9cf-4f60-b20c-ec76db5a59d0">
<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>8cPfp07UmjHfcwQTNxzvtbhlSxcvMCRfaEGzsGJZwEc=</ds:DigestValue>
</ds:Reference>
<ds:Reference URI="#id-6a09a769-d65a-463b-b08c-553ace6993d6">
<ds:Transforms>
<ds:Transform Algorithm="http://www.w3.org/2001/10/xml-exc-c14n#">
</ds:Transforms>
</ds:Reference>
</ds:SignedInfo>
</ds:Signature>
```

```
<ds:DigestMethod Algorithm="http://www.w3.org/2001/04/xmlenc#sha256"/>
<ds:DigestValue>CaSKUPPAgPoLsR155XqvQb5onJGddcs2q09sPy/9e6s=</ds:DigestValue>
</ds:Reference>
<ds:Reference 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/xmlenc#sha256"/>
<ds:DigestValue>yqDt8JU9CgV+e+tbFUO3wVj/1811CUMDvel8LpSJ14o=</ds:DigestValue>
</ds:Reference>
<ds:Reference URI="cid:custompayload@minder">
<ds:Transforms>
<ds:Transform Algorithm="http://docs.oasis-open.org/wss/oasis-wss-SwAProfile-1.1#Attachment-Content-Signature-Transform"/>
</ds:Transforms>
<ds:DigestMethod Algorithm="http://www.w3.org/2001/04/xmlenc#sha256"/>
<ds:DigestValue>r7CBJboV5qfQij53dkc1t13rbaTa3dKkqkCR5ankrf0=</ds:DigestValue>
</ds:Reference>
</ds:SignedInfo>
<ds:SignatureValue>dHBx+eCwrLNXEE3cbpcXlcLapJcTklZq0cj6hB9oH0pRRSM7D5mTBe+liQqGgPkiaNyxYJgQHAokeDrocnY/JormY3uvhzq+Wzbum6yx1zxIXMN4PamYcqAt70jDQ
m+Sitl/BIUJ6NTYHl8GtLAJ7MPtK5sPIQxV68Z6nVoUFUijCJ734Mxp3jnhak63yJDE9pCsJmTI+MPC7d/iJa8h6gfCfEicLkwUNTLWRyuMNCdIYjKLyzyPY1Tbc28uay9BHC83oC6xCx1bMcgS/J
YsarAT6lUwtMYP9TOWCYbYZ/tlrP7+ulHsXNUJJCq5L8HlBp7lqoyqEnlnmkwZJFQSPJBA==</ds:SignatureValue>
<ds:KeyInfo Id="KI-Q221a8fa-c3a4-4c7f-8419-ca0f275d282f">
<wsse:SecurityTokenReference wsu:Id="STR-d4f74a69-75de-469f-ae95-9099e7f7c608">
<wsse:Reference URI="#X509-24aaa8fa-2453-4360-9f34-ba7ca00e7778"
ValueType="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-x509-token-profile-1.0#X509v3"/>
</wsse:SecurityTokenReference>
</ds:KeyInfo>
</ds:Signature>
</wsse:Security>
2019-08-08 12:52:04,801: INFO - =====
2019-08-08 12:52:04,808: INFO - AS4 message id: b1cb7582-9ce3-4457-a85a-8e4399232d81@mindertestbed.org
2019-08-08 12:52:04,813: INFO - =====
2019-08-08 12:52:04,833: INFO - Soap Message After Modification:
2019-08-08 12:52:04,838: INFO - <?xml version="1.0" encoding="UTF-8"?>
<eb:Messaging xmlns:eb="http://docs.oasis-open.org/ebxml-msg/ebms/v3.0/ns/core/200704/"
xmlns:S11="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:ebbp="http://docs.oasis-open.org/ebxml-bp/ebbp-signals-2.0"
xmlns:S12="http://www.w3.org/2003/05/soap-envelope"
xmlns:wsu="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-wssecurity-utility-1.0.xsd"
xmlns:ds="http://www.w3.org/2000/09/xmldsig#"
xmlns:xlink="http://www.w3.org/1999/xlink"
S12:mustUnderstand="true"
wsu:Id="phase4-msg-eff9c4e7-c9cf-4f60-b20c-ec76db5a59d0">
<eb:UserMessage>
<eb:MessageInfo>
<eb:Timestamp>2019-08-08T12:52:09.637</eb:Timestamp>
<eb:MessageId>b1cb7582-9ce3-4457-a85a-8e4399232d81@mindertestbed.org</eb:MessageId>
</eb:MessageInfo>
<eb:PartyInfo>
<eb:From>
<eb:PartyId>phoss-c2</eb:PartyId>
<eb:Role>http://www.esens.eu/as4/conformancetest/sut</eb:Role>
</eb:From>
<eb:To>
<eb:PartyId>phoss-c3</eb:PartyId>
<eb:Role>http://docs.oasis-open.org/ebxml-msg/ebms/v3.0/ns/core/200704/responder</eb:Role>
</eb:To>
</eb:PartyInfo>
<eb:CollaborationInfo>
<eb:AgreementRef pmode="phoss-c2-phoss-c3">urn:as4:agreement</eb:AgreementRef>
<eb:Service>SRV_SIMPLE_ONEWAY</eb:Service>
<eb:Action>ACT_SIMPLE_ONEWAY</eb:Action>
<eb:ConversationId>790374</eb:ConversationId>
</eb:CollaborationInfo>
<eb:MessageProperties>
<eb:Property name="originalSender">C1</eb:Property>
<eb:Property name="finalRecipient">C4</eb:Property>
</eb:MessageProperties>
<eb:PayloadInfo>
<eb:PartInfo href="http://www.w3schools.com/xml/cd_catalog.xml"/>
</eb:PayloadInfo>
</eb:UserMessage>
</eb:Messaging>
2019-08-08 12:52:04,844: INFO - =====
2019-08-08 12:52:04,860: DEBUG - Assign free vars
2019-08-08 12:52:04,865: INFO - > CALL SLOT as4-adapter[8.sendMessage(byte[])]
2019-08-08 12:52:04,983: INFO - < SLOT CALLED as4-adapter[8.sendMessage(byte[])]
2019-08-08 12:52:04,988: INFO - < Rivet finished successfully
2019-08-08 12:52:04,993: INFO - -----

2019-08-08 12:52:04,999: INFO - > RUN RIVET 3
2019-08-08 12:52:05,004: DEBUG - > Wait For Signal:as4-adapter[8.replyReceived(byte[])]
2019-08-08 12:52:05,009: DEBUG - < Signal Arrived: as4-adapter[8.replyReceived(byte[])]
2019-08-08 12:52:05,015: INFO - =====
2019-08-08 12:52:05,021: INFO - Received the Receipt: 1565268725021
2019-08-08 12:52:05,027: INFO - RECEIPT:
2019-08-08 12:52:05,033: INFO - <?xml version="1.0" encoding="UTF-8"?>
<S12:Header xmlns:S12="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:S11="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:ebbp="http://docs.oasis-open.org/ebxml-bp/ebbp-signals-2.0"
xmlns:wsu="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-wssecurity-utility-1.0.xsd"
xmlns:ds="http://www.w3.org/2000/09/xmldsig#"
xmlns:xlink="http://www.w3.org/1999/xlink"
wsu:Id="phase4-msg-41eeb8c2-4717-4386-b91e-3b58d09ff9c0">
<eb:SignalMessage>
<eb:MessageInfo>
<eb:Timestamp>2019-08-08T12:52:10.039</eb:Timestamp>
<eb:MessageId>933423e2-f82a-4ca2-98b7-eb9369b314b5@phase4</eb:MessageId>
<eb:RefToMessageId>b1cb7582-9ce3-4457-a85a-8e4399232d81@mindertestbed.org</eb:RefToMessageId>
</eb:MessageInfo>
<eb>Error category="Processing"
errorCode="EBMS:0011"
refToMessageInError="b1cb7582-9ce3-4457-a85a-8e4399232d81@mindertestbed.org"
severity="failure"
```

```
shortDescription="ExternalPayloadError">
<eb:Description xml:lang="en">ExternalPayloadError</eb:Description>
<eb:ErrorDetail>The MSH is unable to resolve an external payload reference (i.e. a Part that is not contained within the ebMS Message, as identified by a PartInfo/href
URI).</eb:ErrorDetail>
</eb:Error>
</eb:SignalMessage>
</eb:Messaging>
</S12:Header>
2019-08-08 12:52:05,038: INFO - =====
2019-08-08 12:52:05,043: DEBUG - Assign free vars
2019-08-08 12:52:05,048: INFO - > CALL SLOT as4-adapter|8.sendResponse(byte[])
2019-08-08 12:52:05,055: INFO - < SLOT CALLED as4-adapter|8.sendResponse(byte[])
2019-08-08 12:52:05,060: INFO - < Rivet finished sucessfully
2019-08-08 12:52:05,065: INFO - -----

2019-08-08 12:52:05,071: INFO - > RUN RIVET 4
2019-08-08 12:52:05,076: DEBUG - > Wait For Signal:genericAS4Corner1|8.processNotification(esens.wp6.esensMshBackend.MessageNotification)
2019-08-08 12:52:06,381: DEBUG - < Signal Arrived: genericAS4Corner1|8.processNotification(esens.wp6.esensMshBackend.MessageNotification)
2019-08-08 12:52:06,390: INFO - =====
2019-08-08 12:52:06,396: INFO - Corner1 backend NOTIFICATION
2019-08-08 12:52:06,401: INFO - Status: Error
2019-08-08 12:52:06,406: INFO - Message ID: b1cb7582-9ce3-4457-a85a-8e4399232d81@mindertestbed.org
2019-08-08 12:52:06,411: INFO - Short Description: ExternalPayloadError
2019-08-08 12:52:06,417: INFO - Description: null
2019-08-08 12:52:06,424: INFO - =====
2019-08-08 12:52:06,430: DEBUG - Assign free vars
2019-08-08 12:52:06,436: INFO - > CALL SLOT NULLADAPTER.NULLSLOT
2019-08-08 12:52:06,441: INFO - < SLOT CALLED NULLADAPTER.NULLSLOT
2019-08-08 12:52:06,446: INFO - < Rivet finished sucessfully
2019-08-08 12:52:06,451: INFO - -----

2019-08-08 12:52:06,456: INFO - Test #29765 Finished
```

Test Report - AS4_CP_TA09

Overview

Test Group:	AS4 Common Profile Test Assertions
Test Assertion:	AS4_CP_TA09
Test Case:	AS4_CP_TA09_TC01
User:	ROOT
Date:	2019.08.08 12:52:07
System(s) Tested:	1- Phase4

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

Test Assertion Details

TAID: AS4_CP_TA09

Target: Message reliability

Normative Source: [eDelivery-AS4] "In this eDelivery AS4 Common Profile the use of the AS4 Reception Awareness feature is REQUIRED. This feature provides a built-in Retry mechanism that can help overcome temporary network or other issues and detection of message duplicates. • The parameter PMode[].ReceptionAwareness MUST be set to true. • The parameter PMode[].ReceptionAwareness.Retry MUST be set to true. • The parameter PMode[].ReceptionAwareness.DuplicateDetection MUST be set to true. The PMode[].ReceptionAwareness.Retry.Parameters and related PMode[].ReceptionAwareness.DuplicateDetection.Parameters are sets of parameters configuring retries and duplicate detection. These parameters are not fully specified in [AS4] and are implementation-dependent. Implementations MUST support configuration of parameters for retries and duplicate detection."

Prescription Level: Mandatory

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

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

Variables:

Tag: Reception Awareness

Log

```
2019-08-08 12:52:08,688: INFO - Minder version v2.3.0
2019-08-08 12:52:08,694: INFO - Start Test
2019-08-08 12:52:08,699: INFO - Initialize test case
2019-08-08 12:52:08,709: DEBUG - Parameters
2019-08-08 12:52:08,714: DEBUG - Corner2:phoss-c2
Corner3:phoss-c3
2019-08-08 12:52:08,719: INFO - > Initialize the Adapters
2019-08-08 12:52:08,725: INFO - Call start test on NULLADAPTER
2019-08-08 12:52:08,730: INFO - Obtain SUT Identifiers from NULLADAPTER
2019-08-08 12:52:08,735: INFO - Call start test on as4-adapter
2019-08-08 12:52:08,742: INFO - Obtain SUT Identifiers from as4-adapter
2019-08-08 12:52:08,747: INFO - System Under Test: Phase4
2019-08-08 12:52:08,752: INFO - System Under Test: Phase4
2019-08-08 12:52:08,758: INFO - Call start test on genericAS4Corner4
2019-08-08 12:52:08,764: INFO - Obtain SUT Identifiers from genericAS4Corner4
2019-08-08 12:52:08,769: INFO - Call start test on genericAS4Corner1
2019-08-08 12:52:08,775: INFO - Obtain SUT Identifiers from genericAS4Corner1
2019-08-08 12:52:08,781: INFO - > RUN RIVET 0
2019-08-08 12:52:08,786: DEBUG - Assign free vars
2019-08-08 12:52:08,791: INFO - =====
2019-08-08 12:52:08,797: INFO - Corner 2 phoss-c2
2019-08-08 12:52:08,802: INFO - Corner 3 phoss-c3
2019-08-08 12:52:08,807: INFO - =====
2019-08-08 12:52:08,834: INFO - > CALL SLOT NULLADAPTER.NULLSLOT
2019-08-08 12:52:08,839: INFO - < SLOT CALLED NULLADAPTER.NULLSLOT
2019-08-08 12:52:08,844: INFO - < Rivet finished sucessfully
2019-08-08 12:52:08,849: INFO - -----

2019-08-08 12:52:08,854: INFO - > RUN RIVET 1
2019-08-08 12:52:08,860: DEBUG - Assign free vars
2019-08-08 12:52:08,865: INFO - > CALL SLOT genericAS4Corner1|8.submitMessage(esens.wp6.esensMshBackend.SubmissionData)
2019-08-08 12:52:09,090: INFO - < SLOT CALLED genericAS4Corner1|8.submitMessage(esens.wp6.esensMshBackend.SubmissionData)
2019-08-08 12:52:09,095: INFO - < Rivet finished sucessfully
2019-08-08 12:52:09,100: INFO - -----

2019-08-08 12:52:09,105: INFO - > RUN RIVET 2
2019-08-08 12:52:09,111: DEBUG - > Wait For Signal:as4-adapter|8.messageReceived(byte[])
2019-08-08 12:52:10,165: DEBUG - < Signal Arrived: as4-adapter|8.messageReceived(byte[])
2019-08-08 12:52:10,170: INFO - =====
2019-08-08 12:52:10,176: INFO - Received message #1 from C2
2019-08-08 12:52:10,181: INFO - =====
2019-08-08 12:52:10,186: INFO - C2 AS4 Message:
2019-08-08 12:52:10,194: INFO - <?xml version="1.0" encoding="UTF-8"?>
<eb:Messaging xmlns:eb="http://docs.oasis-open.org/ebxml-msg/ebms/v3.0/ns/core/200704/"
xmlns:S11="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:ebbp="http://docs.oasis-open.org/ebxml-bp/ebbp-signals-2.0"
xmlns:S12="http://www.w3.org/2003/05/soap-envelope"
xmlns:wsu="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-wssecurity-utility-1.0.xsd"
xmlns:ds="http://www.w3.org/2000/09/xmldsig#"
xmlns:xlink="http://www.w3.org/1999/xlink"
S12:mustUnderstand="true"
wsu:Id="phase4-msg-e9e26516-1a51-43c3-90f4-dcbc5adff0d1">
<eb:UserMessage>
<eb:MessageInfo>
<eb:Timestamp>2019-08-08T12:52:15.042</eb:Timestamp>
<eb:MessageId>8740870d-731f-46f5-b4d3-013e41251294@mindertestbed.org</eb:MessageId>
</eb:MessageInfo>
<eb:PartyInfo>
<eb:From>
<eb:PartyId>phoss-c2</eb:PartyId>
<eb:Role>http://www.esens.eu/as4/conformancetest/sut</eb:Role>
</eb:From>
<eb:To>
<eb:PartyId>phoss-c3</eb:PartyId>
<eb:Role>http://docs.oasis-open.org/ebxml-msg/ebms/v3.0/ns/core/200704/responder</eb:Role>
</eb:To>
</eb:PartyInfo>
<eb:CollaborationInfo>
<eb:AgreementRef pmode="phoss-c2-phoss-c3">urn:as4:agreement</eb:AgreementRef>
<eb:Service>SRV_ONEWAY_RETRY</eb:Service>
<eb:Action>ACT_ONEWAY_RETRY</eb:Action>
<eb:ConversationId>791720</eb:ConversationId>
</eb:CollaborationInfo>
<eb:MessageProperties>
<eb:Property name="originalSender">C1</eb:Property>
<eb:Property name="finalRecipient">C4</eb:Property>
</eb:MessageProperties>
<eb:PayloadInfo>
<eb:PartInfo href="cid:xmlpayload@minder">
<eb:PartProperties>
<eb:Property name="MimeType">application/xml</eb:Property>
<eb:Property name="CharacterSet">ISO-8859-1</eb:Property>
<eb:Property name="CompressionType">application/gzip</eb:Property>
</eb:PartProperties>
</eb:PartInfo>
</eb:PayloadInfo>
</eb:UserMessage>
</eb:Messaging>
2019-08-08 12:52:10,199: INFO - =====
2019-08-08 12:52:10,205: INFO - AS4 message id: 8740870d-731f-46f5-b4d3-013e41251294@mindertestbed.org
2019-08-08 12:52:10,211: INFO - =====
2019-08-08 12:52:10,216: DEBUG - Assign free vars
2019-08-08 12:52:10,221: INFO - > CALL SLOT NULLADAPTER.NULLSLOT
2019-08-08 12:52:10,226: INFO - < SLOT CALLED NULLADAPTER.NULLSLOT
2019-08-08 12:52:10,232: INFO - < Rivet finished sucessfully
2019-08-08 12:52:10,237: INFO - -----

2019-08-08 12:52:10,242: INFO - > RUN RIVET 3
2019-08-08 12:52:10,247: DEBUG - Assign free vars
```

```
2019-08-08 12:52:10,253: INFO - > CALL SLOT as4-adapter|8.sendResponse(byte[])
2019-08-08 12:52:10,259: INFO - < SLOT CALLED as4-adapter|8.sendResponse(byte[])
2019-08-08 12:52:10,265: INFO - < Rivet finished sucessfully
2019-08-08 12:52:10,270: INFO - -----

2019-08-08 12:52:10,275: INFO - > RUN RIVET 4
2019-08-08 12:52:10,280: DEBUG - > Wait For Signal:as4-adapter|8.messageReceived(byte[])
2019-08-08 12:52:20,605: DEBUG - < Signal Arrived: as4-adapter|8.messageReceived(byte[])
2019-08-08 12:52:20,611: INFO - =====
2019-08-08 12:52:20,616: INFO - Received message #2 from C2
2019-08-08 12:52:20,622: INFO - =====
2019-08-08 12:52:20,627: INFO - C2 AS4 Message:
2019-08-08 12:52:20,634: INFO - <?xml version="1.0" encoding="UTF-8"?>
<eb:Messaging xmlns:eb="http://docs.oasis-open.org/ebxml-msg/ebms/v3.0/ns/core/200704/"
xmlns:S11="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:ebbp="http://docs.oasis-open.org/ebxml-bp/ebbp-signals-2.0"
xmlns:S12="http://www.w3.org/2003/05/soap-envelope"
xmlns:wsu="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-wssecurity-utility-1.0.xsd"
xmlns:ds="http://www.w3.org/2000/09/xmldsig#"
xmlns:xlink="http://www.w3.org/1999/xlink"
S12:mustUnderstand="true"
wsu:Id="phase4-msg-e9e26516-1a51-43c3-90f4-dcbc5adff0d1">
<eb:UserMessage>
<eb:MessageInfo>
<eb:Timestamp>2019-08-08T12:52:15.042</eb:Timestamp>
<eb:MessageId>8740870d-731f-46f5-b4d3-013e41251294@mindertestbed.org</eb:MessageId>
</eb:MessageInfo>
<eb:PartyInfo>
<eb:From>
<eb:PartyId>phoss-c2</eb:PartyId>
<eb:Role>http://www.esens.eu/as4/conformancetest/sut</eb:Role>
</eb:From>
<eb:To>
<eb:PartyId>phoss-c3</eb:PartyId>
<eb:Role>http://docs.oasis-open.org/ebxml-msg/ebms/v3.0/ns/core/200704/responder</eb:Role>
</eb:To>
</eb:PartyInfo>
<eb:CollaborationInfo>
<eb:AgreementRef pmode="phoss-c2-phoss-c3">urn:as4:agreement</eb:AgreementRef>
<eb:Service>SRV_ONEWAY_RETRY</eb:Service>
<eb:Action>ACT_ONEWAY_RETRY</eb:Action>
<eb:ConversationId>791720</eb:ConversationId>
</eb:CollaborationInfo>
<eb:MessageProperties>
<eb:Property name="originalSender">C1</eb:Property>
<eb:Property name="finalRecipient">C4</eb:Property>
</eb:MessageProperties>
<eb:PayloadInfo>
<eb:PartInfo href="cid:xmlpayload@minder">
<eb:PartProperties>
<eb:Property name="MimeType">application/xml</eb:Property>
<eb:Property name="CharacterSet">ISO-8859-1</eb:Property>
<eb:Property name="CompressionType">application/gzip</eb:Property>
</eb:PartProperties>
</eb:PartInfo>
</eb:PayloadInfo>
</eb:UserMessage>
</eb:Messaging>
2019-08-08 12:52:20,639: INFO - =====
2019-08-08 12:52:20,644: INFO - AS4 message id: 8740870d-731f-46f5-b4d3-013e41251294@mindertestbed.org
2019-08-08 12:52:20,650: INFO - =====
2019-08-08 12:52:20,655: DEBUG - Assign free vars
2019-08-08 12:52:20,660: INFO - > CALL SLOT NULLADAPTER.NULLSLOT
2019-08-08 12:52:20,665: INFO - < SLOT CALLED NULLADAPTER.NULLSLOT
2019-08-08 12:52:20,670: INFO - < Rivet finished sucessfully
2019-08-08 12:52:20,676: INFO - -----

2019-08-08 12:52:20,681: INFO - > RUN RIVET 5
2019-08-08 12:52:20,686: DEBUG - Assign free vars
2019-08-08 12:52:20,691: INFO - > CALL SLOT as4-adapter|8.sendResponse(byte[])
2019-08-08 12:52:20,698: INFO - < SLOT CALLED as4-adapter|8.sendResponse(byte[])
2019-08-08 12:52:20,703: INFO - < Rivet finished sucessfully
2019-08-08 12:52:20,708: INFO - -----

2019-08-08 12:52:20,713: INFO - > RUN RIVET 6
2019-08-08 12:52:20,718: DEBUG - > Wait For Signal:as4-adapter|8.messageReceived(byte[])
2019-08-08 12:52:30,978: DEBUG - < Signal Arrived: as4-adapter|8.messageReceived(byte[])
2019-08-08 12:52:30,984: INFO - =====
2019-08-08 12:52:30,989: INFO - Received message #3 from C2
2019-08-08 12:52:30,994: INFO - =====
2019-08-08 12:52:31,000: INFO - C2 AS4 Message:
2019-08-08 12:52:31,006: INFO - <?xml version="1.0" encoding="UTF-8"?>
<eb:Messaging xmlns:eb="http://docs.oasis-open.org/ebxml-msg/ebms/v3.0/ns/core/200704/"
xmlns:S11="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:ebbp="http://docs.oasis-open.org/ebxml-bp/ebbp-signals-2.0"
xmlns:S12="http://www.w3.org/2003/05/soap-envelope"
xmlns:wsu="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-wssecurity-utility-1.0.xsd"
xmlns:ds="http://www.w3.org/2000/09/xmldsig#"
xmlns:xlink="http://www.w3.org/1999/xlink"
S12:mustUnderstand="true"
wsu:Id="phase4-msg-e9e26516-1a51-43c3-90f4-dcbc5adff0d1">
<eb:UserMessage>
<eb:MessageInfo>
<eb:Timestamp>2019-08-08T12:52:15.042</eb:Timestamp>
<eb:MessageId>8740870d-731f-46f5-b4d3-013e41251294@mindertestbed.org</eb:MessageId>
</eb:MessageInfo>
<eb:PartyInfo>
<eb:From>
<eb:PartyId>phoss-c2</eb:PartyId>
<eb:Role>http://www.esens.eu/as4/conformancetest/sut</eb:Role>
</eb:From>
<eb:To>
<eb:PartyId>phoss-c3</eb:PartyId>
<eb:Role>http://docs.oasis-open.org/ebxml-msg/ebms/v3.0/ns/core/200704/responder</eb:Role>
</eb:To>
```

```
</eb:PartyInfo>
<eb:CollaborationInfo>
<eb:AgreementRef pmode="phoss-c2-phoss-c3">urn:as4:agreement</eb:AgreementRef>
<eb:Service>SRV_ONEWAY_RETRY</eb:Service>
<eb:Action>ACT_ONEWAY_RETRY</eb:Action>
<eb:ConversationId>791720</eb:ConversationId>
</eb:CollaborationInfo>
<eb:MessageProperties>
<eb:Property name="originalSender">C1</eb:Property>
<eb:Property name="finalRecipient">C4</eb:Property>
</eb:MessageProperties>
<eb:PayloadInfo>
<eb:PartInfo href="cid:xmlpayload@minder">
<eb:PartProperties>
<eb:Property name="MimeType">application/xml</eb:Property>
<eb:Property name="CharacterSet">ISO-8859-1</eb:Property>
<eb:Property name="CompressionType">application/gzip</eb:Property>
</eb:PartProperties>
</eb:PartInfo>
</eb:PayloadInfo>
</eb:UserMessage>
</eb:Messaging>
2019-08-08 12:52:31,012: INFO - =====
2019-08-08 12:52:31,017: INFO - AS4 message id: 8740870d-731f-46f5-b4d3-013e41251294@mindertestbed.org
2019-08-08 12:52:31,022: INFO - =====
2019-08-08 12:52:31,027: DEBUG - Assign free vars
2019-08-08 12:52:31,033: INFO - > CALL SLOT NULLADAPTER.NULLSLOT
2019-08-08 12:52:31,038: INFO - < SLOT CALLED NULLADAPTER.NULLSLOT
2019-08-08 12:52:31,043: INFO - < Rivet finished sucessfully
2019-08-08 12:52:31,048: INFO - -----

2019-08-08 12:52:31,053: INFO - > RUN RIVET 7
2019-08-08 12:52:31,059: DEBUG - Assign free vars
2019-08-08 12:52:31,064: INFO - > CALL SLOT as4-adapter|8.sendResponse(byte[])
2019-08-08 12:52:31,070: INFO - < SLOT CALLED as4-adapter|8.sendResponse(byte[])
2019-08-08 12:52:31,075: INFO - < Rivet finished sucessfully
2019-08-08 12:52:31,080: INFO - -----

2019-08-08 12:52:31,085: INFO - > RUN RIVET 8
2019-08-08 12:52:31,090: DEBUG - > Wait For Signal:as4-adapter|8.messageReceived(byte[])
2019-08-08 12:52:41,320: DEBUG - < Signal Arrived: as4-adapter|8.messageReceived(byte[])
2019-08-08 12:52:41,326: INFO - =====
2019-08-08 12:52:41,331: INFO - Received message #4 from C2
2019-08-08 12:52:41,336: INFO - =====
2019-08-08 12:52:41,342: INFO - C2 AS4 Message:
2019-08-08 12:52:41,348: INFO - <?xml version="1.0" encoding="UTF-8"?>
<eb:Messaging xmlns:eb="http://docs.oasis-open.org/ebxml-msg/ebms/v3.0/ns/core/200704/"
xmlns:S11="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:ebbp="http://docs.oasis-open.org/ebxml-bp/ebbp-signals-2.0"
xmlns:S12="http://www.w3.org/2003/05/soap-envelope"
xmlns:wsu="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-wssecurity-utility-1.0.xsd"
xmlns:ds="http://www.w3.org/2000/09/xmldsig#"
xmlns:xlink="http://www.w3.org/1999/xlink"
S12:mustUnderstand="true"
wsu:id="phase4-msg-e9e26516-1a51-43c3-90f4-dcbc5adff0d1">
<eb:UserMessage>
<eb:MessageInfo>
<eb:Timestamp>2019-08-08T12:52:15.042</eb:Timestamp>
<eb:MessageId>8740870d-731f-46f5-b4d3-013e41251294@mindertestbed.org</eb:MessageId>
</eb:MessageInfo>
<eb:PartyInfo>
<eb:From>
<eb:PartyId>phoss-c2</eb:PartyId>
<eb:Role>http://www.esens.eu/as4/conformancetest/sut</eb:Role>
</eb:From>
<eb:To>
<eb:PartyId>phoss-c3</eb:PartyId>
<eb:Role>http://docs.oasis-open.org/ebxml-msg/ebms/v3.0/ns/core/200704/responder</eb:Role>
</eb:To>
</eb:PartyInfo>
<eb:CollaborationInfo>
<eb:AgreementRef pmode="phoss-c2-phoss-c3">urn:as4:agreement</eb:AgreementRef>
<eb:Service>SRV_ONEWAY_RETRY</eb:Service>
<eb:Action>ACT_ONEWAY_RETRY</eb:Action>
<eb:ConversationId>791720</eb:ConversationId>
</eb:CollaborationInfo>
<eb:MessageProperties>
<eb:Property name="originalSender">C1</eb:Property>
<eb:Property name="finalRecipient">C4</eb:Property>
</eb:MessageProperties>
<eb:PayloadInfo>
<eb:PartInfo href="cid:xmlpayload@minder">
<eb:PartProperties>
<eb:Property name="MimeType">application/xml</eb:Property>
<eb:Property name="CharacterSet">ISO-8859-1</eb:Property>
<eb:Property name="CompressionType">application/gzip</eb:Property>
</eb:PartProperties>
</eb:PartInfo>
</eb:PayloadInfo>
</eb:UserMessage>
</eb:Messaging>
2019-08-08 12:52:41,353: INFO - =====
2019-08-08 12:52:41,359: INFO - AS4 message id: 8740870d-731f-46f5-b4d3-013e41251294@mindertestbed.org
2019-08-08 12:52:41,364: INFO - =====
2019-08-08 12:52:41,369: DEBUG - Assign free vars
2019-08-08 12:52:41,374: INFO - > CALL SLOT as4-adapter|8.sendMessage(byte[])
2019-08-08 12:52:41,696: INFO - < SLOT CALLED as4-adapter|8.sendMessage(byte[])
2019-08-08 12:52:41,701: INFO - < Rivet finished sucessfully
2019-08-08 12:52:41,706: INFO - -----

2019-08-08 12:52:41,711: INFO - > RUN RIVET 9
2019-08-08 12:52:41,717: DEBUG - > Wait For Signal:as4-adapter|8.replyReceived(byte[])
2019-08-08 12:52:41,722: DEBUG - < Signal Arrived: as4-adapter|8.replyReceived(byte[])
2019-08-08 12:52:41,728: INFO - =====
2019-08-08 12:52:41,734: INFO - Received the Receipt: 1565268761734
```

```
2019-08-08 12:52:41,739: INFO - =====  
2019-08-08 12:52:41,746: INFO - RECEIPT:  
2019-08-08 12:52:41,751: INFO - <?xml version='1.0' encoding='UTF-8'?>  
<S12:Header xmlns:S12='http://www.w3.org/2003/05/soap-envelope'>  
  <wsse:Security xmlns:wsse='http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-wssecurity-secect-1.0.xsd'  
    xmlns:wsu='http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-wssecurity-utility-1.0.xsd"  
  S12:mustUnderstand="true">  
    <wsse:BinarySecurityToken EncodingType='http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-soap-message-security-1.0#Base64Binary'  
      ValueType='http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-x509-token-profile-1.0#X509v3'"  
      wsu:id="#X509-53f8b6dd-9003-49df-8bf6-6ece7ffa0309">MIIDdzCCAIlgAwIBAgIEa5bQAjANBgkqhkiG9w0BAQsFADBBMQswCQYDVQQGEwJFTVETERMA8GA1UECBMicGhvcmMzMTZlZWxETAPBgnVBABAcTCHBob3NzLWmzMREwDwYDVQQKEWhwaG9zcycylmlZERMA8GA1UECxMICGhvcmMzMTZlZWxETAPBgnNBAMTCHEBob3NzLWmzMBA4XDTE5MDYywmEOMzUyMFoXTDIxMDYyWMJEOMzUyMFowDELMAKGA1UEBHMCRVRUXETAPEBgnNVBABGTCHBob3NzLWmzMREwDwYDVQQHEwhwaG9zcycylmlZERMA8GA1UEChcNAEQEBBQADggEPADCCAQoCqgEBAJRWRWA9a7DiXOyH+ACnX8hbttCHIuiSdeucPII2fnfWH8XorPka5rSIRJB61bU6AC/pNFKSEdtlhPxFS5Ajb6c5U8okMH36R8JZdry5ho0tGqRLinTBXNGae2xqvdrJjhZIPHGnuNYe7srGaYd2kfVWRUAQ8uAD23DBG9XI1rdDsCSAPnrUx4LF8SIqqwrSBtkOU1fykoADsoDzhxrkvC3oDHEMMM4klOb9/GWmfCMHzAzGSUJI5PG2lijWCRCdi4c3Aj0MINMWzeWDvUFxp2doQ1IAua9L3bbply7DDvbAbtvASwlK5SQJDfvXu03Fx05BKkelofSTH4nOrMLKOAYcAAWEAAAmMB8wHQYDVR0OBBIYEFPZzbvaU9/QALJgmMcKktSGdsGX/MAOGCSSqSlb3DQEBCWAAUABAQBHGhwsgC7vpMYru8b4CGv3E3YeXiUPDYn3JOBDZJeVBSIFFjdZ7lbPJEGCb8lyIXD0d6/atwTbiX2+P+od3q+4/Zub2ktGJSdr51IQRM/DhaJo3GL7GcmSASWG3YjfX1/Yu6VogaSZymflVratHUd1YG4c6Zbf5P3vw0xVHNHTITDBBzp9mkPKKPJ3m2sOFiiIJODZAgoTf/geZAXHPVu58bQ+kIZ8EvzvPoPiXYta4Ulxd4ILSEGhdqp06VLBYM43DUWFob4i9/yibni6IKDKac3GSZIdkZsvTmbUe2QNsmMp3VrpL3fmU9ig182UqlDHCmgx1/7/hAJji+=</wsse:BinarySecurityToken>  
    Id="SIG-f89b3daf-c37d-470e-ad2f-886d229428c2">  
  </SignedInfo>  
  <ds:CanonicalizationMethod Algorithm='http://www.w3.org/2001/10/xml-exc-c14n#'>  
    ec:<InclusiveNamespaces xmlns:ec='http://www.w3.org/2001/10/xml-exc-c14n#' PrefixList="S12"/>  
  </ds:CanonicalizationMethod>  
  <ds:SignatureMethod Algorithm='http://www.w3.org/2001/04/xmldsig-more#rsa-sha256'/>  
  <ds:Reference URI='#phase4-msg-d85906d6-09c9-420d-af28-36d0266a2a32'>  
    </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>PT1WFGXRGRaqerXH7f3sj/M50AKsKPFxFBT+Nn4kU0=</ds:DigestValue>  
  </ds:Reference>  
  <ds:Reference URI='#id-0300e8fe-6c33-44b4-8d74-4e2f304f8798'>  
    </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>XYLZP8hjYdNEdbfb4rwOFFeY+xF5k6QH0H6YCm0BECEFA=</ds:DigestValue>  
  </ds:Reference>  
  </ds:SignedInfo>  
  <ds:Signature Value=LxyUR0W/E5ZqbhgPHGWYWMBZER7o1OJKO74CztZgWckHXHpIMqBl2Q30U0wjJ4dTvnAIMcUEcc9AjugdMGUAUBQxHg/qVDby+wS7ZE9QDEKLoneBwbSn+wEEZTap3mjNNch06GRcMyppDsDuHKCXPMJcuSkERCu3lfVTTHJAxoemCGTVx8W2ocqnghXEtsiauyhsHB+B5TXilRYhny13b4EEfp2PdZ+vVyJVVKYJYPmuModKCglgeksihRem7ABkjTeTiPOnrXHybpMSAiSiSDZgzTYcyKqUo3aAE3PNk1nvV6BW9EC35vkDObdDVKT8zLNd/quxlrcUIou4TFtfw==</ds:SignatureValue>  
  <ds:KeyInfo Id='KI-B81d039b-4b35-4c7a-9e19-1048d926b603'>  
    <wsse:SecurityTokenReference wsu:Id='STR-5a058ee7-02a8-456a-8d50-7af85155bf96'>  
      <wsse:Reference URI='#X509-53f8b6dd-9003-49df-8bf6-6ece7ffa0309'ValueType='http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-x509-token-profile-1.0#X509v3'>  
        </wsse:SecurityTokenReference>  
      </ds:KeyInfo>  
    </wsse:Security>  
  <eb:Messaging xmlns:eb='http://docs.oasis-open.org/ebxamlmsg/eblms/v3.0/ns/core/200704/'xmlns:S11='http://schemas.xmlsoap.org/soap/envelope/'xmlns:eblmp='http://docs.oasis-open.org/ebxaml-bpe/bbp-signals-2.0'xmlns:wsp='http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-wssecurity-utility-1.0.xsd'xmlns:dsc='http://www.w3.org/2000/09/xmldsig'#xmlns:xlink='http://www.w3.org/1999/xlink'S12:mustUnderstand="true"wsu:Id="phase4-msg-d85906d6-09c9-420d-af28-36d0266a2a32">  
    <eb:SignalMessage>  
      <eb:MessageInfo>  
        <eb:Timestamp>2019-08-08T12:52:46.716</eb:Timestamp>  
        <eb:MsgId>242a778f-e7d1-493c-a779-03b874a69f79@phase4</eb:MsgId>  
        <eb:RefToMsgId>8740870d-731f-46f5-b4d3-013ea41251294@minderstestbed.org</eb:RefToMsgId>  
      </eb:MessageInfo>  
      <eb:Receipt>  
        <ebbpb:NonRepudiationInformation>  
          <ebbpb:MessagePartNRInformation>  
            <ds:Reference URI='#phase4-msg-e9e26516-1a51-43c3-90f4-dcb5adff0d1'>  
              </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>pvtYL3HI5jN62kksbz34QJ7Tit8k3BQLgg61FC9AVo=</ds:DigestValue>  
            </ds:Reference>  
          </ebbpb:MessagePartNRInformation>  
          <ebbpb:MessagePartNRInformation>  
            <ds:Reference URI='#id-b6bd213a-a591-4fd3-85db-f7c2e7dbb2ba'>  
              </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>BsaiFtUqpg4LoKF20UZvpCesQf9f4rihlR2rk7kdzs=</ds:DigestValue>  
            </ds:Reference>  
          </ebbpb:MessagePartNRInformation>  
          <ebbpb:NonRepudiationInformation>  
            <eb:Receipt>  
              <eb:SignalMessage>  
                <eb:Messaging>  
                  </S12:Header>
```

2019-08-08 12:52:41,783: INFO - -----

2019-08-08 12:52:41,788: INFO - > RUN RIVET 10
2019-08-08 12:52:41,793: DEBUG - > Wait For Signal:genericAS4Corner4|8.receiveMessage(esens.wp6.esensMshBackend.SubmissionData)
2019-08-08 12:52:42,922: DEBUG - < Signal Arrived: genericAS4Corner4|8.receiveMessage(esens.wp6.esensMshBackend.SubmissionData)
2019-08-08 12:52:42,932: INFO - =====
2019-08-08 12:52:42,937: INFO - Corner4 Received Payloads:
2019-08-08 12:52:42,942: INFO - Data
2019-08-08 12:52:42,947: INFO - originalSender: C1
2019-08-08 12:52:42,953: INFO - finalRecipient: C4
2019-08-08 12:52:42,958: INFO - refToMessageId: null
2019-08-08 12:52:42,963: INFO - conversationId: 791720
2019-08-08 12:52:42,968: INFO - messageId: 8740870d-731f-46f5-b4d3-013e41251294@mindertestbed.org
2019-08-08 12:52:42,973: INFO - to: Minder
2019-08-08 12:52:42,978: INFO - from: null
2019-08-08 12:52:42,984: INFO - pModelId: null
2019-08-08 12:52:42,989: INFO - =====
2019-08-08 12:52:42,997: INFO - payloadId: xmlpayload@minder == type: application/xml.
2019-08-08 12:52:43,003: INFO - <min><der>sample</der></min>
2019-08-08 12:52:43,008: INFO - =====
2019-08-08 12:52:43,014: DEBUG - Assign free vars
2019-08-08 12:52:43,019: INFO - > CALL SLOT NULLADAPTER.NULLSLOT
2019-08-08 12:52:43,024: INFO - < SLOT CALLED NULLADAPTER.NULLSLOT
2019-08-08 12:52:43,029: INFO - < Rivet finished sucessfully
2019-08-08 12:52:43,035: INFO - -----

2019-08-08 12:52:43,040: INFO - > RUN RIVET 11
2019-08-08 12:52:43,045: DEBUG - > Wait For Signal:genericAS4Corner1|8.processNotification(esens.wp6.esensMshBackend.MessageNotification)
2019-08-08 12:52:43,081: DEBUG - < Signal Arrived: genericAS4Corner1|8.processNotification(esens.wp6.esensMshBackend.MessageNotification)
2019-08-08 12:52:43,090: INFO - =====
2019-08-08 12:52:43,095: INFO - Corner1 backend NOTIFICATION
2019-08-08 12:52:43,100: INFO - status :Receipt
2019-08-08 12:52:43,105: INFO - messageId: 8740870d-731f-46f5-b4d3-013e41251294@mindertestbed.org
2019-08-08 12:52:43,110: INFO - shortDescription: null
2019-08-08 12:52:43,116: INFO - descriptionnull
2019-08-08 12:52:43,121: INFO - =====
2019-08-08 12:52:43,127: DEBUG - Assign free vars
2019-08-08 12:52:43,133: INFO - > CALL SLOT NULLADAPTER.NULLSLOT
2019-08-08 12:52:43,138: INFO - < SLOT CALLED NULLADAPTER.NULLSLOT
2019-08-08 12:52:43,144: INFO - < Rivet finished sucessfully
2019-08-08 12:52:43,149: INFO - -----

2019-08-08 12:52:43,154: INFO - Test #29766 Finished

Test Report - AS4_CP_TA10

Overview

Test Group:	AS4 Common Profile Test Assertions
Test Assertion:	AS4_CP_TA10
Test Case:	AS4_CP_TA10_TC01
User:	ROOT
Date:	2019.08.08 12:52:44
System(s) Tested:	1- Phase4

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

Test Assertion Details

TAID:	AS4_CP_TA10
Target:	Message reliability
Normative Source:	[eDelivery-AS4] "The PMode[].ReceptionAwareness.Retry.Parameters and related PMode[].ReceptionAwareness.DuplicateDetection.Parameters are sets of parameters configuring retries and duplicate detection. These parameters are not fully specified in [AS4] and are implementation-dependent. Implementations MUST support configuration of parameters for retries and duplicate detection."
Prescription Level:	Mandatory
Prerequisite:	<ul style="list-style-type: none">• SSMH and RSMH are configured to exchange AS4 messages according to the eDelivery AS4 profile (One-Way/Push MEP).• Simulate the RSMH to not send receipts.• SSMH tries to send an AS4 User Message to the RSMH.• Before a TIME_OUT is reached network connection is restored (RSMH is able to send a non-repudiation receipt).
Predicate:	The RSMH sends back an AS4 non-repudiation receipt to the SSMH and delivers only one message to the consumer and the SSMH stops resending the original AS4 User Message.
Variables:	TIME_OUT: deadline (in terms of time or number of retries) allocated for resending messages.
Tag:	Reception Awareness

Log

```
2019-08-08 12:52:45,576: INFO - Minder version v2.3.0
2019-08-08 12:52:45,581: INFO - Start Test
2019-08-08 12:52:45,586: INFO - Initialize test case
2019-08-08 12:52:45,597: DEBUG - Parameters
2019-08-08 12:52:45,602: DEBUG - Corner2:phoss-c2
Corner3:phoss-c3
2019-08-08 12:52:45,608: INFO - > Initialize the Adapters
2019-08-08 12:52:45,613: INFO - Call start test on NULLADAPTER
2019-08-08 12:52:45,618: INFO - Obtain SUT Identifiers from NULLADAPTER
2019-08-08 12:52:45,624: INFO - Call start test on as4-adapter
2019-08-08 12:52:45,630: INFO - Obtain SUT Identifiers from as4-adapter
2019-08-08 12:52:45,636: INFO - System Under Test: Phase4
2019-08-08 12:52:45,641: INFO - System Under Test: Phase4
2019-08-08 12:52:45,646: INFO - Call start test on genericAS4Corner4
2019-08-08 12:52:45,652: INFO - Obtain SUT Identifiers from genericAS4Corner4
2019-08-08 12:52:45,658: INFO - Call start test on genericAS4Corner1
2019-08-08 12:52:45,664: INFO - Obtain SUT Identifiers from genericAS4Corner1
2019-08-08 12:52:45,670: INFO - > RUN RIVET 0
2019-08-08 12:52:45,675: DEBUG - Assign free vars
2019-08-08 12:52:45,680: INFO - =====
2019-08-08 12:52:45,686: INFO - Corner 2 phoss-c2
2019-08-08 12:52:45,691: INFO - Corner 3 phoss-c3
2019-08-08 12:52:45,697: INFO - =====
2019-08-08 12:52:45,722: INFO - > CALL SLOT NULLADAPTER.NULLSLOT
2019-08-08 12:52:45,727: INFO - < SLOT CALLED NULLADAPTER.NULLSLOT
2019-08-08 12:52:45,732: INFO - < Rivet finished sucessfully
2019-08-08 12:52:45,738: INFO - -----

2019-08-08 12:52:45,743: INFO - > RUN RIVET 1
2019-08-08 12:52:45,748: DEBUG - Assign free vars
2019-08-08 12:52:45,753: INFO - > CALL SLOT genericAS4Corner1|8.submitMessage(esens.wp6.esensMshBackend.SubmissionData)
2019-08-08 12:52:45,977: INFO - < SLOT CALLED genericAS4Corner1|8.submitMessage(esens.wp6.esensMshBackend.SubmissionData)
2019-08-08 12:52:45,982: INFO - < Rivet finished sucessfully
2019-08-08 12:52:45,987: INFO - -----

2019-08-08 12:52:45,992: INFO - > RUN RIVET 2
2019-08-08 12:52:45,998: DEBUG - > Wait For Signal:as4-adapter|8.messageReceived(byte[])
2019-08-08 12:52:47,114: DEBUG - < Signal Arrived: as4-adapter|8.messageReceived(byte[])
2019-08-08 12:52:47,120: INFO - =====
2019-08-08 12:52:47,126: INFO - Received message #1 from C2
2019-08-08 12:52:47,131: INFO - =====
2019-08-08 12:52:47,136: INFO - C2 AS4 Message:
2019-08-08 12:52:47,144: INFO - <?xml version="1.0" encoding="UTF-8"?>
<eb:Messaging xmlns:eb="http://docs.oasis-open.org/ebxml-msg/ebms/v3.0/ns/core/200704/"
xmlns:S11="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:ebbp="http://docs.oasis-open.org/ebxml-bp/ebbp-signals-2.0"
xmlns:S12="http://www.w3.org/2003/05/soap-envelope"
xmlns:wsu="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-wssecurity-utility-1.0.xsd"
xmlns:ds="http://www.w3.org/2000/09/xmldsig#"
xmlns:xlink="http://www.w3.org/1999/xlink"
S12:mustUnderstand="true"
wsu:id="phase4-msg-9b1d88c6-2145-4e35-b206-12b8ba0d32af">
<eb:UserMessage>
<eb:MessageInfo>
<eb:Timestamp>2019-08-08T12:52:51.906</eb:Timestamp>
<eb:MessageId>93f6025b-4679-4992-b134-c38348a9b786@mindentestbed.org</eb:MessageId>
</eb:MessageInfo>
<eb:PartyInfo>
<eb:From>
<eb:PartyId>phoss-c2</eb:PartyId>
<eb:Role>http://www.esens.eu/as4/conformancetest/sut</eb:Role>
</eb:From>
<eb:To>
<eb:PartyId>phoss-c3</eb:PartyId>
<eb:Role>http://docs.oasis-open.org/ebxml-msg/ebms/v3.0/ns/core/200704/responder</eb:Role>
</eb:To>
</eb:PartyInfo>
<eb:CollaborationInfo>
<eb:AgreementRef pmode="phoss-c2-phoss-c3">urn:as4:agreement</eb:AgreementRef>
<eb:Service>SRV_ONEWAY_RETRY</eb:Service>
<eb:Action>ACT_ONEWAY_RETRY</eb:Action>
<eb:ConversationId>518707</eb:ConversationId>
</eb:CollaborationInfo>
<eb:MessageProperties>
<eb:Property name="originalSender">C1</eb:Property>
<eb:Property name="finalRecipient">C4</eb:Property>
</eb:MessageProperties>
<eb:PayloadInfo>
<eb:PartInfo href="cid:xmlpayload@minder">
<eb:PartProperties>
<eb:Property name="MimeType">application/xml</eb:Property>
<eb:Property name="CharacterSet">ISO-8859-1</eb:Property>
<eb:Property name="CompressionType">application/gzip</eb:Property>
</eb:PartProperties>
</eb:PartInfo>
</eb:PayloadInfo>
</eb:UserMessage>
</eb:Messaging>
2019-08-08 12:52:47,149: INFO - =====
2019-08-08 12:52:47,155: INFO - AS4 message id: 93f6025b-4679-4992-b134-c38348a9b786@mindentestbed.org
2019-08-08 12:52:47,160: INFO - =====
2019-08-08 12:52:47,165: DEBUG - Assign free vars
2019-08-08 12:52:47,170: INFO - > CALL SLOT NULLADAPTER.NULLSLOT
2019-08-08 12:52:47,176: INFO - < SLOT CALLED NULLADAPTER.NULLSLOT
2019-08-08 12:52:47,181: INFO - < Rivet finished sucessfully
2019-08-08 12:52:47,186: INFO - -----

2019-08-08 12:52:47,191: INFO - > RUN RIVET 3
2019-08-08 12:52:47,196: DEBUG - Assign free vars
```



```
2019-08-08 12:52:47,202: INFO - > CALL SLOT as4-adapter|8.sendResponse(byte[])
2019-08-08 12:52:47,208: INFO - < SLOT CALLED as4-adapter|8.sendResponse(byte[])
2019-08-08 12:52:47,213: INFO - < Rivet finished sucessfully
2019-08-08 12:52:47,218: INFO - -----

2019-08-08 12:52:47,223: INFO - > RUN RIVET 4
2019-08-08 12:52:47,229: DEBUG - > Wait For Signal:as4-adapter|8.messageReceived(byte[])
2019-08-08 12:52:57,523: DEBUG - < Signal Arrived: as4-adapter|8.messageReceived(byte[])
2019-08-08 12:52:57,529: INFO - =====
2019-08-08 12:52:57,534: INFO - Received message #2 from C2
2019-08-08 12:52:57,539: INFO - =====
2019-08-08 12:52:57,545: INFO - C2 AS4 Message:
2019-08-08 12:52:57,552: INFO - <?xml version="1.0" encoding="UTF-8"?>
<eb:Messaging xmlns:eb="http://docs.oasis-open.org/ebxml-msg/ebms/v3.0/ns/core/200704/"
xmlns:S11="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:ebbp="http://docs.oasis-open.org/ebxml-bp/ebbp-signals-2.0"
xmlns:S12="http://www.w3.org/2003/05/soap-envelope"
xmlns:wsu="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-wssecurity-utility-1.0.xsd"
xmlns:ds="http://www.w3.org/2000/09/xmldsig#"
xmlns:xlink="http://www.w3.org/1999/xlink"
S12:mustUnderstand="true"
wsu:Id="phase4-msg-9b1d88c6-2145-4e35-b206-12b8ba0d32af">
<eb:UserMessage>
<eb:MessageInfo>
<eb:Timestamp>2019-08-08T12:52:51.906</eb:Timestamp>
<eb:MessageId>93f6025b-4679-4992-b134-c38348a9b786@mindentestbed.org</eb:MessageId>
</eb:MessageInfo>
<eb:PartyInfo>
<eb:From>
<eb:PartyId>phoss-c2</eb:PartyId>
<eb:Role>http://www.esens.eu/as4/conformancetest/sut</eb:Role>
</eb:From>
<eb:To>
<eb:PartyId>phoss-c3</eb:PartyId>
<eb:Role>http://docs.oasis-open.org/ebxml-msg/ebms/v3.0/ns/core/200704/responder</eb:Role>
</eb:To>
</eb:PartyInfo>
<eb:CollaborationInfo>
<eb:AgreementRef pmode="phoss-c2-phoss-c3">urn:as4:agreement</eb:AgreementRef>
<eb:Service>SRV_ONEWAY_RETRY</eb:Service>
<eb:Action>ACT_ONEWAY_RETRY</eb:Action>
<eb:ConversationId>518707</eb:ConversationId>
</eb:CollaborationInfo>
<eb:MessageProperties>
<eb:Property name="originalSender">C1</eb:Property>
<eb:Property name="finalRecipient">C4</eb:Property>
</eb:MessageProperties>
<eb:PayloadInfo>
<eb:PartInfo href="cid:xmlpayload@minder">
<eb:PartProperties>
<eb:Property name="MimeType">application/xml</eb:Property>
<eb:Property name="CharacterSet">ISO-8859-1</eb:Property>
<eb:Property name="CompressionType">application/gzip</eb:Property>
</eb:PartProperties>
</eb:PartInfo>
</eb:PayloadInfo>
</eb:UserMessage>
</eb:Messaging>
2019-08-08 12:52:57,557: INFO - =====
2019-08-08 12:52:57,562: INFO - AS4 message id: 93f6025b-4679-4992-b134-c38348a9b786@mindentestbed.org
2019-08-08 12:52:57,568: INFO - =====
2019-08-08 12:52:57,573: DEBUG - Assign free vars
2019-08-08 12:52:57,578: INFO - > CALL SLOT NULLADAPTER.NULLSLOT
2019-08-08 12:52:57,583: INFO - < SLOT CALLED NULLADAPTER.NULLSLOT
2019-08-08 12:52:57,588: INFO - < Rivet finished sucessfully
2019-08-08 12:52:57,594: INFO - -----

2019-08-08 12:52:57,599: INFO - > RUN RIVET 5
2019-08-08 12:52:57,604: DEBUG - Assign free vars
2019-08-08 12:52:57,609: INFO - > CALL SLOT as4-adapter|8.sendResponse(byte[])
2019-08-08 12:52:57,615: INFO - < SLOT CALLED as4-adapter|8.sendResponse(byte[])
2019-08-08 12:52:57,620: INFO - < Rivet finished sucessfully
2019-08-08 12:52:57,625: INFO - -----

2019-08-08 12:52:57,631: INFO - > RUN RIVET 6
2019-08-08 12:52:57,636: DEBUG - > Wait For Signal:as4-adapter|8.messageReceived(byte[])
2019-08-08 12:53:07,861: DEBUG - < Signal Arrived: as4-adapter|8.messageReceived(byte[])
2019-08-08 12:53:07,867: INFO - =====
2019-08-08 12:53:07,872: INFO - Received message #3 from C2
2019-08-08 12:53:07,877: INFO - =====
2019-08-08 12:53:07,883: INFO - C2 AS4 Message:
2019-08-08 12:53:07,890: INFO - <?xml version="1.0" encoding="UTF-8"?>
<eb:Messaging xmlns:eb="http://docs.oasis-open.org/ebxml-msg/ebms/v3.0/ns/core/200704/"
xmlns:S11="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:ebbp="http://docs.oasis-open.org/ebxml-bp/ebbp-signals-2.0"
xmlns:S12="http://www.w3.org/2003/05/soap-envelope"
xmlns:wsu="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-wssecurity-utility-1.0.xsd"
xmlns:ds="http://www.w3.org/2000/09/xmldsig#"
xmlns:xlink="http://www.w3.org/1999/xlink"
S12:mustUnderstand="true"
wsu:Id="phase4-msg-9b1d88c6-2145-4e35-b206-12b8ba0d32af">
<eb:UserMessage>
<eb:MessageInfo>
<eb:Timestamp>2019-08-08T12:52:51.906</eb:Timestamp>
<eb:MessageId>93f6025b-4679-4992-b134-c38348a9b786@mindentestbed.org</eb:MessageId>
</eb:MessageInfo>
<eb:PartyInfo>
<eb:From>
<eb:PartyId>phoss-c2</eb:PartyId>
<eb:Role>http://www.esens.eu/as4/conformancetest/sut</eb:Role>
</eb:From>
<eb:To>
<eb:PartyId>phoss-c3</eb:PartyId>
<eb:Role>http://docs.oasis-open.org/ebxml-msg/ebms/v3.0/ns/core/200704/responder</eb:Role>
</eb:To>
```

```
</eb:PartyInfo>
<eb:CollaborationInfo>
<eb:AgreementRef pmode="phoss-c2-phoss-c3">urn:as4:agreement</eb:AgreementRef>
<eb:Service>SRV_ONEWAY_RETRY</eb:Service>
<eb:Action>ACT_ONEWAY_RETRY</eb:Action>
<eb:ConversationId>518707</eb:ConversationId>
</eb:CollaborationInfo>
<eb:MessageProperties>
<eb:Property name="originalSender">C1</eb:Property>
<eb:Property name="finalRecipient">C4</eb:Property>
</eb:MessageProperties>
<eb:PayloadInfo>
<eb:PartInfo href="cid:xmlpayload@minder">
<eb:PartProperties>
<eb:Property name="MimeType">application/xml</eb:Property>
<eb:Property name="CharacterSet">ISO-8859-1</eb:Property>
<eb:Property name="CompressionType">application/gzip</eb:Property>
</eb:PartProperties>
</eb:PartInfo>
</eb:PayloadInfo>
</eb:UserMessage>
</eb:Messaging>
2019-08-08 12:53:07,895: INFO - =====
2019-08-08 12:53:07,901: INFO - AS4 message id: 93f6025b-4679-4992-b134-c38348a9b786@mindertestbed.org
2019-08-08 12:53:07,906: INFO - =====
2019-08-08 12:53:07,911: DEBUG - Assign free vars
2019-08-08 12:53:07,916: INFO - > CALL SLOT NULLADAPTER.NULLSLOT
2019-08-08 12:53:07,922: INFO - < SLOT CALLED NULLADAPTER.NULLSLOT
2019-08-08 12:53:07,927: INFO - < Rivet finished sucessfully
2019-08-08 12:53:07,932: INFO - -----

2019-08-08 12:53:07,937: INFO - > RUN RIVET 7
2019-08-08 12:53:07,942: DEBUG - Assign free vars
2019-08-08 12:53:07,948: INFO - > CALL SLOT as4-adapter|8.sendResponse(byte[])
2019-08-08 12:53:07,953: INFO - < SLOT CALLED as4-adapter|8.sendResponse(byte[])
2019-08-08 12:53:07,959: INFO - < Rivet finished sucessfully
2019-08-08 12:53:07,964: INFO - -----

2019-08-08 12:53:07,969: INFO - > RUN RIVET 8
2019-08-08 12:53:07,974: DEBUG - > Wait For Signal:as4-adapter|8.messageReceived(byte[])
2019-08-08 12:53:18,214: DEBUG - < Signal Arrived: as4-adapter|8.messageReceived(byte[])
2019-08-08 12:53:18,220: INFO - =====
2019-08-08 12:53:18,225: INFO - Received message #4 from C2
2019-08-08 12:53:18,230: INFO - =====
2019-08-08 12:53:18,236: INFO - C2 AS4 Message:
2019-08-08 12:53:18,242: INFO - <?xml version="1.0" encoding="UTF-8"?>
<eb:Messaging xmlns:eb="http://docs.oasis-open.org/ebxml-msg/ebms/v3.0/ns/core/200704/"
xmlns:S11="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:ebbp="http://docs.oasis-open.org/ebxml-bp/ebbp-signals-2.0"
xmlns:S12="http://www.w3.org/2003/05/soap-envelope"
xmlns:wsu="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-wssecurity-utility-1.0.xsd"
xmlns:ds="http://www.w3.org/2000/09/xmldsig#"
xmlns:xlink="http://www.w3.org/1999/xlink"
S12:mustUnderstand="true"
wsu:id="phase4-msg-9b1d88c6-2145-4e35-b206-12b8ba0d32af">
<eb:UserMessage>
<eb:MessageInfo>
<eb:Timestamp>2019-08-08T12:52:51.906</eb:Timestamp>
<eb:MessageId>93f6025b-4679-4992-b134-c38348a9b786@mindertestbed.org</eb:MessageId>
</eb:MessageInfo>
<eb:PartyInfo>
<eb:From>
<eb:PartyId>phoss-c2</eb:PartyId>
<eb:Role>http://www.esens.eu/as4/conformancetest/sut</eb:Role>
</eb:From>
<eb:To>
<eb:PartyId>phoss-c3</eb:PartyId>
<eb:Role>http://docs.oasis-open.org/ebxml-msg/ebms/v3.0/ns/core/200704/responder</eb:Role>
</eb:To>
</eb:PartyInfo>
<eb:CollaborationInfo>
<eb:AgreementRef pmode="phoss-c2-phoss-c3">urn:as4:agreement</eb:AgreementRef>
<eb:Service>SRV_ONEWAY_RETRY</eb:Service>
<eb:Action>ACT_ONEWAY_RETRY</eb:Action>
<eb:ConversationId>518707</eb:ConversationId>
</eb:CollaborationInfo>
<eb:MessageProperties>
<eb:Property name="originalSender">C1</eb:Property>
<eb:Property name="finalRecipient">C4</eb:Property>
</eb:MessageProperties>
<eb:PayloadInfo>
<eb:PartInfo href="cid:xmlpayload@minder">
<eb:PartProperties>
<eb:Property name="MimeType">application/xml</eb:Property>
<eb:Property name="CharacterSet">ISO-8859-1</eb:Property>
<eb:Property name="CompressionType">application/gzip</eb:Property>
</eb:PartProperties>
</eb:PartInfo>
</eb:PayloadInfo>
</eb:UserMessage>
</eb:Messaging>
2019-08-08 12:53:18,247: INFO - =====
2019-08-08 12:53:18,253: INFO - AS4 message id: 93f6025b-4679-4992-b134-c38348a9b786@mindertestbed.org
2019-08-08 12:53:18,258: INFO - =====
2019-08-08 12:53:18,274: DEBUG - Assign free vars
2019-08-08 12:53:18,279: INFO - > CALL SLOT as4-adapter|8.sendMessage(byte[])
2019-08-08 12:53:18,464: INFO - < SLOT CALLED as4-adapter|8.sendMessage(byte[])
2019-08-08 12:53:18,469: INFO - < Rivet finished sucessfully
2019-08-08 12:53:18,474: INFO - -----

2019-08-08 12:53:18,480: INFO - > RUN RIVET 9
2019-08-08 12:53:18,485: DEBUG - > Wait For Signal:as4-adapter|8.replyReceived(byte[])
2019-08-08 12:53:18,490: DEBUG - < Signal Arrived: as4-adapter|8.replyReceived(byte[])
2019-08-08 12:53:18,496: INFO - =====
2019-08-08 12:53:18,502: INFO - Received the Receipt: 1565268798502
```

```

2019-08-08 12:53:18.507: INFO - =====
2019-08-08 12:53:18.513: INFO - RECEIPT:
2019-08-08 12:53:18.519: INFO - <?xml version="1.0" encoding="UTF-8"?>
<S12:Header xmlns:S12="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"
xmlns:wsu="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-wssecurity-utility-1.0.xsd"
S12:mustUnderstand="true">
<wsse:BinarySecurityToken EncodingType="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-soap-message-security-1.0#Base64Binary"
ValueType="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-x509-token-profile-1.0#X509v3"
wsu:Id="X509-9e629b08-8eef-4508-ac6f-
89cea013a1eb">MIIDdzCCA1gAwIBAgIEa5bQAJANBgkqhkiG9w0BAQsFADBBSMQswCQYDVQQGEwJFVTERMA8GA1UECBMlcGhvc3MtYzZmXETAPBgNVBACtCHBob3NzLWmzMREw
DYDVQQKEwhwaG9zcyc1jMzERMA8GA1UECzMlcGhvc3MtYzZmXETAPBgNVBAMTCHBob3NzLWmzMBA4XDTE5MDYwMzE0MzUyMfFowbDELMAkGA1UEB
hMCVRVUxEtAPBgNVBAsTCCHBob3NzLWmzMREwDwYDVQQHEwhwaG9zcyc1jMzERMA8GA1UEChMlcGhvc3MtYzZmXETAPBgNVBAsTCCHBob3NzLWmzMREwDwYDVQQDEwhwaG9zc
y1jMzCCASiWdQYJKoZIhvcNAQEBBQADggEPADCCAQoCggEBAJrgRWo9a7DiX0yH+0ACnX8hUbbtCHluisdeucPI2fnfWh8XorPka5rSIRJb61bU6AC/pNFK3EdtlhPxFS5AjzJ6c5U8okM
36R8JZdry5hfo0tGqRlnTBXNgaE2xqvdrjJhiZPHGuNYe7sRgAyd2kFvWRuXaQ8uAD23DBG9X1r8dDscSAPnrUx4LF8S1qqwrSbtK00U1fykoADsoDZhxrkVc3oDHEMMMM4klOb9/GWmFcH
AzGSUjY15P2lJwCRDi4c3/AJ0MIMWzeWdVufXp2doQ1lAua9L3bb1py7DDvAbtvASwLk5SqjQfVX0u3Fxo5BkkeloF5TH4n0RmLKOAyCawEAAaMhMB8wHQYDVR00BBYEFPPZzbvaU9
/2QALJgMqCkTsgdSxG/MA0GCSqSgSb3DQEBwUAA4IBAQBHGwsgC7vPMYru8b4Cgv3E3YeXIUPDYn3JOBDZJevBhSIFPjdZ7lbP1EGcB8ylXD0d6/atwTbiX2+P+od3q+4/ZuB2ktGJSdr
15lQrM/dhaJo3GL7GcmSASWVG3YjftX1/Yu6Voga/sZYmflVratHutHuD1YG4c6Zbf5P3vw0xVHNTtTDB8Zp9mKPKPJ3m2sOFil2JODzAgoTf/GeZaXHPVU58bq+KiZ8EvZvPoPiXty4aU1xd4o
ILSEGHdqpO6vVLBYM43DUwFob4i9l/iynb6iZKdAc3GSZfDkZsvTmbUe2QNs+Mqp3VrPL3fMU9ig182UqlDHCMgx1/7/haJji+</wsse:BinarySecurityToken>
<ds:Signature xmlns:ds="http://www.w3.org/2000/09/xmldsig#"
Id="SIG-bbf1e26f-14bb-49c9-9a92-05a4c0beebaa">
<ds:SignedInfo>
<ds:CanonicalizationMethod Algorithm="http://www.w3.org/2001/10/xml-exc-c14n#">
<ec:InclusiveNamespaces xmlns:ec="http://www.w3.org/2001/10/xml-exc-c14n#" PrefixList="S12"/>
<ds:CanonicalizationMethod>
<ds:SignatureMethod Algorithm="http://www.w3.org/2001/04/xmldsig-more#rsa-sha256"/>
<ds:Reference URI="#phase4-msg-8cc7a5fd-f97a-422e-923b-7816abfb6c7e">
<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>A1qCIYMoeU0R+6OPPWg3rKRu2Yt+Q0y8Vqr99VPTC1s=</ds:DigestValue>
</ds:Reference>
<ds:Reference URI="#id-bbf4fae0-df90-416a-a635-769b4ac0c97e">
<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>mdAMQ6/Myro6s9cfUnBtRq+2sG1bPYF++ZGRnmZuqA=</ds:DigestValue>
</ds:Reference>
</ds:SignedInfo>
<ds:SignatureValue>Okkwxw/yvttlQnE/MyoHtA5zdFmJL6KJUmfi/KrHeH7aqO1DA71ceopEtVDGavEMCN4jOarUepEja5Qp2f+3aDG6APRjSpvDhVpujSm4JfrR6f+Q0xcwCJaR3zH0sO/xek
qLXvtstivVyg+ydqwhXPdg+FGMM1Tj8K0vJrHKg9PtBKBhKufp6rzSWvMtw/WeWY+HaO0seefexodCqQq1r1B3BZYEPKkAPa28orKa1Yxm4ewzeYlu4+PVxjW9OnEtZ2RQ3BEUEeh
sUUIjuaXmF4M454iuEWt04ujpPzqhO5c0C2Yfi/RcNR/GE73d3BhxDxGE3m6xwNRvr4ON+n7Xg==</ds:SignatureValue>
<ds:KeyInfo Id="KI-d76bc7d3-2e81-45c0-ad2d-c8892c1d1f51">
<wsse:SecurityTokenReference wsu:Id="STR-a4f65354-1059-4865-a92f-2ea2a9030431">
<wsse:Reference URI="#X509-9e629b08-8eef-4508-ac6f-89cea013a1eb"
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:S11="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:ebbp="http://docs.oasis-open.org/ebxml-bp/ebbp-signals-2.0"
xmlns:wsu="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-wssecurity-utility-1.0.xsd"
xmlns:ds="http://www.w3.org/2000/09/xmldsig#"
xmlns:xlink="http://www.w3.org/1999/xlink"
S12:mustUnderstand="true"
wsu:Id="phase4-msg-8cc7a5fd-f97a-422e-923b-7816abfb6c7e">
<eb:SignalMessage>
<eb:MessageInfo>
<eb:Timestamp>2019-08-08T12:53:23.482</eb:Timestamp>
<eb:MessageId>4fe6c3d1-453f-400e-885e-21d116228867@phase4</eb:MessageId>
<eb:RefToMessageId>93f6025b-4679-4992-b134-c38348a9b786@minderstbed.org<eb:RefToMessageId>
</eb:MessageInfo>
<eb:Receipt>
<ebbp:NonRepudiationInformation>
<ebbp:MessagePartNRInformation>
<ds:Reference URI="#phase4-msg-9b1d88c6-2145-4e35-b206-12b6a0d32af">
<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>cnsJxEo4dOlZfqV7kgu43Ty0F0Ebwp7jOUeR2BTdOi0=</ds:DigestValue>
</ds:Reference>
</ebbp:MessagePartNRInformation>
<ebbp:MessagePartNRInformation>
<ds:Reference URI="#id-2a6c1f83-827e-4831-9ce8-b00f7aa61cb5">
<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>EaD0yDDmyx+4tKPH3N0YGXCCUR7o21btV9XEkyth7os=</ds:DigestValue>
</ds:Reference>
</ebbp:MessagePartNRInformation>
<ebbp:MessagePartNRInformation>
<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+tbUO3wVj/811CUMDvel8LpSJ4o=</ds:DigestValue>
</ds:Reference>
</ebbp:MessagePartNRInformation>
<ebbp:NonRepudiationInformation>
</eb:Receipt>
</eb:SignalMessage>
</eb:Messaging>
</S12:Header>
2019-08-08 12:53:18.524: INFO - =====
2019-08-08 12:53:18.529: DEBUG - Assign free vars
2019-08-08 12:53:18.534: INFO - > CALL SLOT as4-adapter|8.sendResponse(byte[])
2019-08-08 12:53:18.540: INFO - < SLOT CALLED as4-adapter|8.sendResponse(byte[])
2019-08-08 12:53:18.545: INFO - < Rivet finished successfully

```

2019-08-08 12:53:18,551: INFO - -----

2019-08-08 12:53:18,556: INFO - > RUN RIVET 10
2019-08-08 12:53:18,561: DEBUG - > Wait For Signal:genericAS4Corner4|8.receiveMessage(esens.wp6.esensMshBackend.SubmissionData)
2019-08-08 12:53:19,656: DEBUG - < Signal Arrived: genericAS4Corner4|8.receiveMessage(esens.wp6.esensMshBackend.SubmissionData)
2019-08-08 12:53:19,665: INFO - =====
2019-08-08 12:53:19,670: INFO - Corner4 Received Payloads:
2019-08-08 12:53:19,676: INFO - Data
2019-08-08 12:53:19,681: INFO - originalSender: C1
2019-08-08 12:53:19,686: INFO - finalRecipient: C4
2019-08-08 12:53:19,691: INFO - refToMessageld: null
2019-08-08 12:53:19,696: INFO - conversationId: 518707
2019-08-08 12:53:19,702: INFO - messageld: 93f6025b-4679-4992-b134-c38348a9b786@mindertestbed.org
2019-08-08 12:53:19,707: INFO - to: Minder
2019-08-08 12:53:19,712: INFO - from: null
2019-08-08 12:53:19,719: INFO - pModeld: null
2019-08-08 12:53:19,728: INFO - payloadId: xmlpayload@minder == type: application/xml.
2019-08-08 12:53:19,733: INFO - <min><der>sample</der></min>
2019-08-08 12:53:19,739: INFO - =====
2019-08-08 12:53:19,745: DEBUG - Assign free vars
2019-08-08 12:53:19,750: INFO - > CALL SLOT NULLADAPTER.NULLSLOT
2019-08-08 12:53:19,755: INFO - < SLOT CALLED NULLADAPTER.NULLSLOT
2019-08-08 12:53:19,760: INFO - < Rivet finished sucessfully
2019-08-08 12:53:19,765: INFO - -----

2019-08-08 12:53:19,771: INFO - > RUN RIVET 11
2019-08-08 12:53:19,776: DEBUG - > Wait For Signal:genericAS4Corner1|8.processNotification(esens.wp6.esensMshBackend.MessageNotification)
2019-08-08 12:53:19,859: DEBUG - < Signal Arrived: genericAS4Corner1|8.processNotification(esens.wp6.esensMshBackend.MessageNotification)
2019-08-08 12:53:19,868: INFO - =====
2019-08-08 12:53:19,873: INFO - Corner1 backend NOTIFICATION
2019-08-08 12:53:19,878: INFO - status :Receipt
2019-08-08 12:53:19,884: INFO - messageld: 93f6025b-4679-4992-b134-c38348a9b786@mindertestbed.org
2019-08-08 12:53:19,889: INFO - shortDescription: null
2019-08-08 12:53:19,894: INFO - descriptionnull
2019-08-08 12:53:19,899: INFO - =====
2019-08-08 12:53:19,906: DEBUG - Assign free vars
2019-08-08 12:53:19,911: INFO - > CALL SLOT NULLADAPTER.NULLSLOT
2019-08-08 12:53:19,916: INFO - < SLOT CALLED NULLADAPTER.NULLSLOT
2019-08-08 12:53:19,921: INFO - < Rivet finished sucessfully
2019-08-08 12:53:19,927: INFO - -----

2019-08-08 12:53:19,932: INFO - Test #29767 Finished

Test Report - AS4_CP_TA12

Overview

Test Group:	AS4 Common Profile Test Assertions
Test Assertion:	AS4_CP_TA12
Test Case:	AS4_CP_TA12_TC01
User:	ROOT
Date:	2019.08.08 12:53:21
System(s) Tested:	1- Phase4

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

Test Assertion Details

TAID: AS4_CP_TA12

Target: Payload signature

Normative Source:

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

Prescription Level: Mandatory

Prerequisite:

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

Predicate:

In the AS4 Message generated by the SSMH: - Signature Hash function parameter is set to <http://www.w3.org/2001/04/xmlenc#sha256> - Signature Algorithm parameter is set to <http://www.w3.org/2001/04/xmldsig-more#rsa-sha256> - Signature Certificate used is the certificate of the SSMH. - The Messaging header, the empty body and all MIME body parts of

included payload are included in the signature - The Messaging header is referenced in the signature using the ID attribute.

Variables:

ID: XML attribute Id of XML element Messaging from the AS4 message

Tag:

Signature/Compression

Log

```
2019-08-08 12:53:22,283: INFO - Minder version v2.3.0
2019-08-08 12:53:22,288: INFO - Start Test
2019-08-08 12:53:22,293: INFO - Initialize test case
2019-08-08 12:53:22,302: DEBUG - Parameters
2019-08-08 12:53:22,307: DEBUG - Corner2:phoss-c2
Corner3:phoss-c3
2019-08-08 12:53:22,312: INFO - > Initialize the Adapters
2019-08-08 12:53:22,317: INFO - Call start test on NULLADAPTER
2019-08-08 12:53:22,322: INFO - Obtain SUT Identifiers from NULLADAPTER
2019-08-08 12:53:22,328: INFO - Call start test on as4-adapter
2019-08-08 12:53:22,334: INFO - Obtain SUT Identifiers from as4-adapter
2019-08-08 12:53:22,340: INFO - System Under Test: Phase4
2019-08-08 12:53:22,345: INFO - System Under Test: Phase4
2019-08-08 12:53:22,350: INFO - Call start test on genericAS4Corner4
2019-08-08 12:53:22,356: INFO - Obtain SUT Identifiers from genericAS4Corner4
2019-08-08 12:53:22,361: INFO - Call start test on genericAS4Corner1
2019-08-08 12:53:22,367: INFO - Obtain SUT Identifiers from genericAS4Corner1
2019-08-08 12:53:22,373: INFO - > RUN RIVET 0
2019-08-08 12:53:22,378: DEBUG - Assign free vars
2019-08-08 12:53:22,383: INFO - =====
2019-08-08 12:53:22,389: INFO - Corner 2 phoss-c2
2019-08-08 12:53:22,394: INFO - Corner 3 phoss-c3
2019-08-08 12:53:22,400: INFO - =====
2019-08-08 12:53:22,424: INFO - > CALL SLOT NULLADAPTER.NULLSLOT
2019-08-08 12:53:22,430: INFO - < SLOT CALLED NULLADAPTER.NULLSLOT
2019-08-08 12:53:22,435: INFO - < Rivet finished sucessfully
2019-08-08 12:53:22,440: INFO - -----

2019-08-08 12:53:22,445: INFO - > RUN RIVET 1
2019-08-08 12:53:22,450: DEBUG - Assign free vars
2019-08-08 12:53:22,456: INFO - > CALL SLOT genericAS4Corner1|8.submitMessage(esens.wp6.esensMshBackend.SubmissionData)
2019-08-08 12:53:22,677: INFO - < SLOT CALLED genericAS4Corner1|8.submitMessage(esens.wp6.esensMshBackend.SubmissionData)
2019-08-08 12:53:22,682: INFO - < Rivet finished sucessfully
2019-08-08 12:53:22,687: INFO - -----

2019-08-08 12:53:22,693: INFO - > RUN RIVET 2
2019-08-08 12:53:22,698: DEBUG - > Wait For Signal:as4-adapter|8.messageReceived(byte[])
2019-08-08 12:53:23,728: DEBUG - < Signal Arrived: as4-adapter|8.messageReceived(byte[])
2019-08-08 12:53:23,734: INFO - =====
2019-08-08 12:53:23,739: INFO - C2 AS4 Message:
2019-08-08 12:53:23,747: INFO - <?xml version="1.0" encoding="UTF-8"?>
<eb:Messaging xmlns:eb="http://docs.oasis-open.org/ebxml-msg/ebms/v3.0/ns/core/200704/"
xmlns:S11="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:ebbp="http://docs.oasis-open.org/ebxml-bp/ebbp-signals-2.0"
xmlns:S12="http://www.w3.org/2003/05/soap-envelope"
xmlns:wsu="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-wssecurity-utility-1.0.xsd"
xmlns:ds="http://www.w3.org/2000/09/xmldsig#"
xmlns:xlink="http://www.w3.org/1999/xlink"
S12:mustUnderstand="true"
wsu:Id="phase4-msg-97acb7fe-3a04-40ee-b81e-e9ec6a5d2a36">
<eb:UserMessage>
<eb:MessageInfo>
<eb:Timestamp>2019-08-08T12:53:28.615</eb:Timestamp>
<eb:MessageId>0cec8abf-9413-42a4-bd56-9a3006933240@mindertestbed.org</eb:MessageId>
</eb:MessageInfo>
<eb:PartyInfo>
<eb:From>
<eb:PartyId>phoss-c2</eb:PartyId>
<eb:Role>http://www.esens.eu/as4/conformancetest/sut</eb:Role>
</eb:From>
<eb:To>
<eb:PartyId>phoss-c3</eb:PartyId>
<eb:Role>http://docs.oasis-open.org/ebxml-msg/ebms/v3.0/ns/core/200704/responder</eb:Role>
</eb:To>
</eb:PartyInfo>
<eb:CollaborationInfo>
<eb:AgreementRef pmode="phoss-c2-phoss-c3">urn:as4:agreement</eb:AgreementRef>
<eb:Service>SRV_ONEWAY_SIGNONLY</eb:Service>
<eb:Action>ACT_ONEWAY_SIGNONLY</eb:Action>
<eb:ConversationId>67405</eb:ConversationId>
</eb:CollaborationInfo>
<eb:MessageProperties>
<eb:Property name="originalSender">C1</eb:Property>
<eb:Property name="finalRecipient">C4</eb:Property>
</eb:MessageProperties>
<eb:PayloadInfo>
<eb:PartInfo href="cid:xmlpayload@minder">
<eb:PartProperties>
<eb:Property name="MimeType">application/xml</eb:Property>
<eb:Property name="CharacterSet">ISO-8859-1</eb:Property>
<eb:Property name="CompressionType">application/gzip</eb:Property>
</eb:PartProperties>
</eb:PartInfo>
<eb:PartInfo href="cid:custompayload@minder">
<eb:PartProperties>
<eb:Property name="MimeType">application/octet-stream</eb:Property>
<eb:Property name="CharacterSet">ISO-8859-1</eb:Property>
<eb:Property name="CompressionType">application/gzip</eb:Property>
</eb:PartProperties>
</eb:PartInfo>
</eb:PayloadInfo>
</eb:UserMessage>
</eb:Messaging>
2019-08-08 12:53:23,752: INFO - =====
2019-08-08 12:53:23,757: INFO - C2 AS4 Security Header:
2019-08-08 12:53:23,763: INFO - <?xml version="1.0" encoding="UTF-8"?>
<wsse:Security xmlns:wsse="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-wssecurity-secext-1.0.xsd"
xmlns:S12="http://www.w3.org/2003/05/soap-envelope"
xmlns:wsu="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-wssecurity-utility-1.0.xsd"
```

```
<S12:mustUnderstand="true">
<wsse:BinarySecurityToken EncodingType="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-soap-message-security-1.0#Base64Binary"
ValueTypes="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-x509-token-profile-1.0#X509v3"
wsu:Id="#X509-79437981-d53d-43cd-ba21-
505888489b2b"><mIIDdzCCAl+gAwlBAGIEWYzEPjANBgkqhkiG9w0BAQsFADBsMQswCQYDVQQGEwJFVTERMA8GA1UECBMlcGhvcs3MtYzlxETAPBgNVBACtCHBob3NzLWMymREwDwYDVQQKEwhwaG9zcyljMjERMA8GA1UECXMlcGhvcs3MtYzlxETAPBgNVBAMTCHBob3NzLWMymMB4XDTE5MDYwMzE0ZUxNFoXBWYmJEOMzMzUxNFowbDELMAkGA1UEBHMCRVUxEtAPBgNVBAGtCHBob3NzLWMymREwDwYDVQQHEwhwaG9zcyljMjERMA8GA1UEChMlcGhvcs3MtYzlxETAPBgNVBAsTCHBob3NzLWMymREwDwYDVQQDEwhwaG9zcyljMjERMA8GA1UECmVkaWVudDQyKkoZlhvcnAQBEBQAQDggEADCCAQCgqEBAII2bXkvxxZUZUYraMsdlJqdQWDQRSCA0fRv7zeGQNJpl6PH7O0UjaErfl/sDz5oHMTT/YbAqk9ZpqIFkb05ZrnNBKaONLC/TMXjcPCAStiwDQYJKoZIhvcNAQEBBQADggEPADCCAQoCggEBAJrgRo9a7DiXoyH+0AcnX8hUbbtCHLuiSdeucPl2fnfWh8XorPka5rSIRJB61bU6AC/pNFK3EdtlhPxfs5AjzJ6c5U8okM36R8JZdry5fho0tGjQRLnTBXNGae2qxvdrrJhIzPHGuNy7sRgAydzkFVWRuXAq8uAD23DBG9X1r8dDscSApnrUx4LF8SIqqwSbtktOOU1fykoADsoDZhxrKVC3oDHEMMM4kiOb9/GWmfFcH4GSUJY15pG2Q1ijWCrdI4c3/AJOmSMWZeWDVqEbX2doQ11Au9ABtvaSwLK5QjqVfXu03Fxo5BkkeloF5THqnOrMLKOAYcCAWEAAAmhMB8WHQYDVR0OBByEFfZbvau9/ZqALJlgMqkcTkSgd5Xg/MAOGCsQMGSib3DQEBECwUA4AIBAQBHgbwsgC7vPMYru8b4CgyE3YeXiUPDn3jOBBDZJevHbsSIFPJ72lbP1EGCb8yiXD0dg/atwTbiX2+P+od3q+4/Zub2ktGJSdr51IQrM/DhaJo/3GL7GcmSASWG3YjffX1/Yu6VogaSZYmflVnatHuD1YG4c6Zbf5P3vw0XHNTITTDDBZp9mPKPKPJ3m2sOFii2JODzAgoTf/GeZaXHPVU58bQc+KiZ8EvzvPoPiXty4AUldx4dILSEghDqptO6vVLBYM43DUwFob4i9/ybn6iZkdAc3GSZIDkZsvTmbUe2QNnsMqp3VrpL3fMu9ig182UqJDHCmgx1/7/hAJji+</wsse:BinarySecurityToken>
<ds:Signature xmlns:ds="http://www.w3.org/2000/09/xmldsig#"
Id="#SIG-f5ad6ae6-c467-485c-9131-6e7e3ff288ca">
<ds:SignedInfo>
<ds:CanonicalizationMethod Algorithm="http://www.w3.org/2001/10/xml-exc-c14n#">
<ec:InclusiveNamespaces xmlns:ec="http://www.w3.org/2001/10/xml-exc-c14n#" PrefixList="S12"/>
<ds:CanonicalizationMethod>
<ds:SignatureMethod Algorithm="http://www.w3.org/2001/04/xmldsig-more#rsa-sha256"/>
<ds:Reference URI="#phase4-msg-97acb7fe-3a04-40ee-b81e-e9ec6a5d2a36">
<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/xmleenc#sha256"/>
<ds:DigestValue>GnDRPKmQMj2MI25MQFWkm4i7LV89ipR9oUDCaxCx0=</ds:DigestValue>
</ds:Reference>
<ds:Reference URI="#id-ddc90d52-069c-482c-a7cf-048c255fee46">
<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/xmleenc#sha256"/>
<ds:DigestValue>xexB2RRphhsV+lmYE0XLkr2wYsfAHGiYftfoyoOw8Q=</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/xmleenc#sha256"/>
<ds:DigestValue>yqDt8JU9CgvE+tbU03wVjl811CUMDvel8LpSJ4o=</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/xmleenc#sha256"/>
<ds>DigestValue>r7CBJbovf5qfQij53dkc1t13baTa3dKKqkCR5ankrf0=</ds:DigestValue>
</ds:Reference>
<ds>SignedInfo>
<ds:SignatureValue>NR6dR/6AfC6tWHLpZZLnabA89C1v0l6DF5YvOtCywkpUieDGkfBDmLSISiQfwUypktRnhZqFRmbsOMBxgJyvORY3UcZtp0h4IX0xoZoQotkdZHCSIIQVAQBA4dWPped8teT/BALDL3sPPVDWI4X2noO3GvdPgndmRpGjCt253j3fPtW06pDfeocR8jvW1mKL5yOhnYOCZdjX8Wfm2s4GyBf/jxNSOIqzwSOO3LZEuqOjt5ldh+Bu2VaxUP/rusbpJcjJe3yRlPRxRzfB4zahA9VFLHjfo4h3kCRTLNobD1/L6cfknv1MH3mG8CbSwXfVuaTu3klhXwi8oQgkRA==</ds:SignatureValue>
<ds>KeyInfo Id="KI-09cac361-d5bf-4d54-b6a8-0479abd73151">
<wsse:SecurityTokenReference wsu:Id="STR-f76cb459-71dd-480d-8c58-2be9c53e3791">
<wsse:Reference URI="#X509-79437981-d53d-43cd-ba21-505888489b2b"
ValueTypes="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-x509-token-profile-1.0#X509v3"/>
</wsse:SecurityTokenReference>
</ds>KeyInfo>
</ds>Signature>
</wsse:Security>
2019-08-08 12:53:23,768: INFO - =====
2019-08-08 12:53:23,774: INFO - Signature Algorithm: http://www.w3.org/2001/04/xmldsig-more#rsa-sha256
2019-08-08 12:53:23,780: INFO - =====
2019-08-08 12:53:23,785: INFO - Hash Algorithm: http://www.w3.org/2001/04/xmleenc#sha256
2019-08-08 12:53:23,790: INFO - =====
2019-08-08 12:53:23,795: DEBUG - Assign free vars
2019-08-08 12:53:23,801: INFO - > CALL SLOED as4-adapter[8.sendMessage(byte[])]
2019-08-08 12:53:23,924: INFO - < SLOT CALLED as4-adapter[8.sendMessage(byte[])]
2019-08-08 12:53:23,929: INFO - < Rivet finished successfully
2019-08-08 12:53:23,934: INFO - -----
2019-08-08 12:53:23,939: INFO - > RUN RIVET 3
2019-08-08 12:53:23,945: DEBUG - > Wait For Signal:as4-adapter[8.replyReceived(byte[])]
2019-08-08 12:53:23,950: DEBUG - < Signal Arrived: as4-adapter[8.replyReceived(byte[])]
2019-08-08 12:53:23,956: INFO - =====
2019-08-08 12:53:23,962: INFO - Received the message: 1565268803961
2019-08-08 12:53:23,967: INFO - =====
2019-08-08 12:53:23,974: INFO - RECEIPT:
2019-08-08 12:53:23,979: INFO - <?xml version="1.0" encoding="UTF-8"?>
<S12:Header xmlns:S12="http://www.w3.org/2003/05/soap-envelope">
<wsse:Security xmlns:wsse="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-wssesecurity-secect-1.0.xsd"
xmlns:wsu="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-wsseutility-1.0.xsd"
S12:mustUnderstand="true">
<wsse:BinarySecurityToken EncodingType="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-soap-message-security-1.0#Base64Binary"
ValueTypes="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-x509-token-profile-1.0#X509v3"
wsu:Id="#X509-8fa7b6e7-b806-4de8-bb7c-
e6fad4d2821"><mIIDdzCCAl+gAwlBAGIEa5fbQAIANBgkqhkiG9w0BAQsFADBsMQswCQYDVQQGEwJFVTERMA8GA1UECBMlcGhvcs3MtYzlxETAPBgNVBACtCHBob3NzLWMzmREwDwYDVQQKEwhwaG9zcyljMjERMA8GA1UECXMlcGhvcs3MtYzlxETAPBgNVBAMTCHBob3NzLWMzmMB4XDTE5MDYwMzE0ZUxNFoXBWYmJEOMzMzUxNFowbDELMAkGA1UEBHMCRVUxEtAPBgNVBAGtCHBob3NzLWMzmREwDwYDVQQHEwhwaG9zcyljMjERMA8GA1UEChMlcGhvcs3MtYzlxETAPBgNVBAsTCHBob3NzLWMzmREwDwYDVQQDEwhwaG9zcyljMjERMA8GA1UECmVkaWVudDQyKkoZlhvcnAQBEBQAQDggEADCCAQCgqEBAJrgRo9a7DiXoyH+0AcnX8hUbbtCHLuiSdeucPl2fnfWh8XorPka5rSIRJB61bU6AC/pNFK3EdtlhPxfs5AjzJ6c5U8okM36R8JZdry5fho0tGjQRLnTBXNGae2qxvdrrJhIzPHGuNy7sRgAydzkFVWRuXAq8uAD23DBG9X1r8dDscSApnrUx4LF8SIqqwSbtktOOU1fykoADsoDZhxrKVC3oDHEMMM4kiOb9/GWmfFcH4GSUJY15pG2Q1ijWCrdI4c3/AJOmSMWZeWDVqEbX2doQ11Au9ABtvaSwLK5QjqVfXu03Fxo5BkkeloF5THqnOrMLKOAYcCAWEAAAmhMB8WHQYDVR0OBByEFfZbvau9/ZqALJlgMqkcTkSgd5Xg/MAOGCsQMGSib3DQEBECwUA4AIBAQBHgbwsgC7vPMYru8b4CgyE3YeXiUPDn3jOBBDZJevHbsSIFPJ72lbP1EGCb8yiXD0dg/atwTbiX2+P+od3q+4/Zub2ktGJSdr
```



```
</ds:Transforms>
<ds:DigestMethod Algorithm="http://www.w3.org/2001/04/xmlenc#sha256"/>
<ds:DigestValue>j2EqkHnZ+wqjPBsv2rCvYG9xUkUCpBR+khJS9d0D/5Y=</ds:DigestValue>
</ds:Reference>
<ds:Reference URI="#id-129c9ede-be8a-4089-b6f0-091bfb8de038">
<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>Lm5iAFK0Xdi3EJ6s5X2c0+RrUyPvqBdpf9Iz7oOCgQc=</ds:DigestValue>
</ds:Reference>
</ds:SignedInfo>
<ds:SignatureValue>jvHBzsHPCqVi9I26VPxg8JgodMsA12SQXMD2j6qsCwWuQ08Rkdye0hYC/y5Vk9+6Tv1HQwEu7BcrelPVCfkDH0u4rYDBwLy7jlxq78DK+R/OepJIW1sGCixZY8twLat
LbCVXM6FS6GBtTHRCGz2znLr3DNDADWpwcNc7XHGfu+J7c5gM7vtr66V7o2iu+DdfcnXxZtsfoe77KfjIT4z6d0jSlwnK+/UaP6dgFt5HZxngoNkj0quwHC0Hxi/H8X4w00EtyeR5OqqBhxaN
A4SpbwGO7obRSMsXasN8oFTA2B+tj750yzCRZ/dp0DxglxfQZlg5QD88C80djk6NwCLfg==</ds:SignatureValue>
<ds:KeyInfo Id="KI-22d8d65b-57e7-4b69-aff9-2efd1807ab71">
<wsse:SecurityTokenReference wsu:Id="STR-a276b1b2-bf3a-49c4-b127-9a8378efe5e4">
<wsse:Reference URI="#X509-8fa7b6e7-b806-4de8-bb7c-e6fad4fd2821"
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:S11="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:ebbp="http://docs.oasis-open.org/ebxml-bp/ebbp-signals-2.0"
xmlns:wsu="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-wssecurity-utility-1.0.xsd"
xmlns:ds="http://www.w3.org/2000/09/xmldsig#"
xmlns:xlink="http://www.w3.org/1999/xlink"
S12:mustUnderstand="true"
wsu:Id="phase4-msg-7a96b93d-2bb4-414b-a5f8-d80f5452f049">
<eb:SignalMessage>
<eb:MessageInfo>
<eb:Timestamp>2019-08-08T12:53:28.931</eb:Timestamp>
<eb:MessageId>113f5a29-594b-4a03-a27a-3dcdee716e35@phase4</eb:MessageId>
<eb:RefToMessageId>0cec8abf-9413-42a4-bd56-9a3006933240@mindertestbed.org</eb:RefToMessageId>
</eb:MessageInfo>
<eb:Receipt>
<ebbp:NonRepudiationInformation>
<ebbp:MessagePartNRInformation>
<ds:Reference URI="#phase4-msg-97acb7fe-3a04-40ee-b81e-e9ec6a5d2a36">
<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>GnDRPKmQMj2MI25MQFWkm4i7ILv89ipR9oUDCaxCxd0=</ds:DigestValue>
</ds:Reference>
</ebbp:MessagePartNRInformation>
<ebbp:MessagePartNRInformation>
<ds:Reference URI="#id-ddc90d52-069c-482c-a7cf-048c255fee46">
<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>xeXb2RRphhsV+ImYE0XLLkr2wYsfAHGiYtfoyoOw8Q=</ds:DigestValue>
</ds:Reference>
</ebbp:MessagePartNRInformation>
<ebbp:MessagePartNRInformation>
<ds:Reference URI="cid:xmldata@minder">
<ds:Transforms>
<ds:Transform Algorithm="http://docs.oasis-open.org/wss/oasis-wss-SwAPProfile-1.1#Attachment-Content-Signature-Transform"/>
</ds:Transforms>
<ds:DigestMethod Algorithm="http://www.w3.org/2001/04/xmlenc#sha256"/>
<ds:DigestValue>yqDt8JU9CgV+e+tbFUO3wVjI811CUMDvel8LpSJ14o=</ds:DigestValue>
</ds:Reference>
</ebbp:MessagePartNRInformation>
<ebbp:MessagePartNRInformation>
<ds:Reference URI="cid:custompayload@minder">
<ds:Transforms>
<ds:Transform Algorithm="http://docs.oasis-open.org/wss/oasis-wss-SwAPProfile-1.1#Attachment-Content-Signature-Transform"/>
</ds:Transforms>
<ds:DigestMethod Algorithm="http://www.w3.org/2001/04/xmlenc#sha256"/>
<ds:DigestValue>r7CBJbov5qfQij53dkc1t13rbaTa3dKkqkCR5ankrf0=</ds:DigestValue>
</ds:Reference>
</ebbp:MessagePartNRInformation>
</ebbp:NonRepudiationInformation>
</eb:Receipt>
</eb:SignalMessage>
</eb:Messaging>
</S12:Header>
2019-08-08 12:53:23,984: INFO - =====
2019-08-08 12:53:23,989: DEBUG - Assign free vars
2019-08-08 12:53:23,995: INFO - > CALL SLOT as4-adapter|8.sendResponse(byte[])
2019-08-08 12:53:24,001: INFO - < SLOT CALLED as4-adapter|8.sendResponse(byte[])
2019-08-08 12:53:24,006: INFO - < Rivet finished successfully
2019-08-08 12:53:24,011: INFO - =====

2019-08-08 12:53:24,016: INFO - > RUN RIVET 4
2019-08-08 12:53:24,022: DEBUG - > Wait For Signal: genericAS4Corner4|8.receiveMessage(esens.wp6.esensMshBackend.SubmissionData)
2019-08-08 12:53:25,191: DEBUG - < Signal Arrived: genericAS4Corner4|8.receiveMessage(esens.wp6.esensMshBackend.SubmissionData)
2019-08-08 12:53:25,201: INFO - =====
2019-08-08 12:53:25,206: INFO - Corner4 Received Payloads:
2019-08-08 12:53:25,212: INFO - Data
2019-08-08 12:53:25,218: INFO - originalSender: C1
2019-08-08 12:53:25,223: INFO - finalRecipient: C4
2019-08-08 12:53:25,228: INFO - refToMessageId: null
2019-08-08 12:53:25,234: INFO - conversationId: 67405
2019-08-08 12:53:25,239: INFO - messageId: 0cec8abf-9413-42a4-bd56-9a3006933240@mindertestbed.org
2019-08-08 12:53:25,244: INFO - to: Minder
2019-08-08 12:53:25,249: INFO - from: null
2019-08-08 12:53:25,254: INFO - pModelId: null
2019-08-08 12:53:25,260: INFO - =====
2019-08-08 12:53:25,268: INFO - payloadId: xmldata@minder == type: application/xml.
2019-08-08 12:53:25,273: INFO - <min><der>sample</der></min>
2019-08-08 12:53:25,279: INFO - payloadId: custompayload@minder == type: application/octet-stream.
```

```
2019-08-08 12:53:25,284: INFO - !! Modify me after submission, if you dare!!
2019-08-08 12:53:25,289: INFO - =====
2019-08-08 12:53:25,294: DEBUG - Assign free vars
2019-08-08 12:53:25,300: INFO - > CALL SLOT NULLADAPTER.NULLSLOT
2019-08-08 12:53:25,305: INFO - < SLOT CALLED NULLADAPTER.NULLSLOT
2019-08-08 12:53:25,310: INFO - < Rivet finished sucessfully
2019-08-08 12:53:25,315: INFO - -----

2019-08-08 12:53:25,320: INFO - > RUN RIVET 5
2019-08-08 12:53:25,326: DEBUG - > Wait For Signal:genericAS4Corner1|8.processNotification(esens.wp6.esensMshBackend.MessageNotification)
2019-08-08 12:53:25,331: DEBUG - < Signal Arrived: genericAS4Corner1|8.processNotification(esens.wp6.esensMshBackend.MessageNotification)
2019-08-08 12:53:25,340: INFO - =====
2019-08-08 12:53:25,345: INFO - Corner1 backend NOTIFICATION
2019-08-08 12:53:25,350: INFO - status :Receipt
2019-08-08 12:53:25,356: INFO - messageId: 0cec8abf-9413-42a4-bd56-9a3006933240 @mindertestbed.org
2019-08-08 12:53:25,361: INFO - shortDescription: null
2019-08-08 12:53:25,366: INFO - descriptionnull
2019-08-08 12:53:25,371: INFO - =====
2019-08-08 12:53:25,377: DEBUG - Assign free vars
2019-08-08 12:53:25,383: INFO - > CALL SLOT NULLADAPTER.NULLSLOT
2019-08-08 12:53:25,388: INFO - < SLOT CALLED NULLADAPTER.NULLSLOT
2019-08-08 12:53:25,393: INFO - < Rivet finished sucessfully
2019-08-08 12:53:25,398: INFO - -----

2019-08-08 12:53:25,403: INFO - Test #29768 Finished
```

Test Report - AS4_CP_TA13

Overview

Test Group:	AS4 Common Profile Test Assertions
Test Assertion:	AS4_CP_TA13
Test Case:	AS4_CP_TA13_TC01
User:	ROOT
Date:	2019.08.08 12:53:26
System(s) Tested:	1- Phase4

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

Test Assertion Details

TAID:	AS4_CP_TA13
Target:	Payload signature
Normative Source:	<p>[eDelivery-AS4] "For encryption, WS-Security leverages the W3C XML Encryption recommendation used by WS-Security. The following AS4 processing mode parameters configure this feature: • The PMode[].Security.X509.Encryption.Encrypt parameter MUST be set in accordance with section 5.1.6 and 5.1.7 of [AS4]. • The parameter PMode[].Security.X509.Encryption.Algorithm MUST be set to http://www.w3.org/2009/xmlenc11#aes128-gcm . This is the algorithm used as value for the Algorithm attribute of xenc:EncryptionMethod on xenc:EncryptedData" And "The PMode[].Security.X509.Encryption.Certificate parameter MUST be set to a value matching the encryption certificate of the Receiving MSH"</p>
Prescription Level:	Mandatory
Prerequisite:	<ul style="list-style-type: none">• SSMH and RSMH are configured to exchange AS4 messages according to the eDelivery AS4 profile (One-Way/Push MEP).• Producer submits a message with metadata information and a payload to the SSMH.• SSMH sends an AS4 encrypted message to the RSMH.
Predicate:	<p>In the AS4 Message generated by the SSMH: - Encryption Algorithm is set to http://www.w3.org/2009/xmlenc11#aes128-gcm - Encryption Certificate used is the certificate of the RSMH.</p>

Variables:

Tag: Signature/Compression

Log

```
2019-08-08 12:53:27,676: INFO - Minder version v2.3.0
2019-08-08 12:53:27,681: INFO - Start Test
2019-08-08 12:53:27,686: INFO - Initialize test case
2019-08-08 12:53:27,695: DEBUG - Parameters
2019-08-08 12:53:27,700: DEBUG - Corner2:phoss-c2
Corner3:phoss-c3
2019-08-08 12:53:27,705: INFO - > Initialize the Adapters
2019-08-08 12:53:27,710: INFO - Call start test on NULLADAPTER
2019-08-08 12:53:27,716: INFO - Obtain SUT Identifiers from NULLADAPTER
2019-08-08 12:53:27,721: INFO - Call start test on as4-adapter
2019-08-08 12:53:27,727: INFO - Obtain SUT Identifiers from as4-adapter
2019-08-08 12:53:27,733: INFO - System Under Test: Phase4
2019-08-08 12:53:27,739: INFO - System Under Test: Phase4
2019-08-08 12:53:27,744: INFO - Call start test on genericAS4Corner4
2019-08-08 12:53:27,750: INFO - Obtain SUT Identifiers from genericAS4Corner4
2019-08-08 12:53:27,756: INFO - Call start test on genericAS4Corner1
2019-08-08 12:53:27,762: INFO - Obtain SUT Identifiers from genericAS4Corner1
2019-08-08 12:53:27,768: INFO - > RUN RIVET 0
2019-08-08 12:53:27,773: DEBUG - Assign free vars
2019-08-08 12:53:27,778: INFO - =====
2019-08-08 12:53:27,784: INFO - Corner 2 phoss-c2
2019-08-08 12:53:27,789: INFO - Corner 3 phoss-c3
2019-08-08 12:53:27,794: INFO - =====
2019-08-08 12:53:27,820: INFO - > CALL SLOT NULLADAPTER.NULLSLOT
2019-08-08 12:53:27,825: INFO - < SLOT CALLED NULLADAPTER.NULLSLOT
2019-08-08 12:53:27,830: INFO - < Rivet finished sucessfully
2019-08-08 12:53:27,835: INFO - -----

2019-08-08 12:53:27,841: INFO - > RUN RIVET 1
2019-08-08 12:53:27,846: DEBUG - Assign free vars
2019-08-08 12:53:27,851: INFO - > CALL SLOT genericAS4Corner1|8.submitMessage(esens.wp6.esensMshBackend.SubmissionData)
2019-08-08 12:53:28,078: INFO - < SLOT CALLED genericAS4Corner1|8.submitMessage(esens.wp6.esensMshBackend.SubmissionData)
2019-08-08 12:53:28,084: INFO - < Rivet finished sucessfully
2019-08-08 12:53:28,089: INFO - -----

2019-08-08 12:53:28,094: INFO - > RUN RIVET 2
2019-08-08 12:53:28,099: DEBUG - > Wait For Signal:as4-adapter|8.messageReceived(byte[])
2019-08-08 12:53:29,194: DEBUG - < Signal Arrived: as4-adapter|8.messageReceived(byte[])
2019-08-08 12:53:29,200: INFO - =====
2019-08-08 12:53:29,206: INFO - C2 AS4 Message:
2019-08-08 12:53:29,213: INFO - <?xml version="1.0" encoding="UTF-8"?>
<eb:Messaging xmlns:eb="http://docs.oasis-open.org/ebxml-msg/ebms/v3.0/ns/core/200704/"
xmlns:S11="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:ebbp="http://docs.oasis-open.org/ebxml-bp/ebbp-signals-2.0"
xmlns:S12="http://www.w3.org/2003/05/soap-envelope"
xmlns:wsu="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-wssecurity-utility-1.0.xsd"
xmlns:ds="http://www.w3.org/2000/09/xmldsig#"
xmlns:xlink="http://www.w3.org/1999/xlink"
S12:mustUnderstand="true"
wsu:Id="phase4-msg-11fd839b-c08f-49c6-8f0b-19420ffb2a0a">
<eb:UserMessage>
<eb:MessageInfo>
<eb:Timestamp>2019-08-08T12:53:34.054</eb:Timestamp>
<eb:MessageId>9580e4aa-64a2-46cb-aef5-d53ff0ed6aa7@mindertestbed.org</eb:MessageId>
</eb:MessageInfo>
<eb:PartyInfo>
<eb:From>
<eb:PartyId>phoss-c2</eb:PartyId>
<eb:Role>http://www.esens.eu/as4/conformancetest/sut</eb:Role>
</eb:From>
<eb:To>
<eb:PartyId>phoss-c3</eb:PartyId>
<eb:Role>http://docs.oasis-open.org/ebxml-msg/ebms/v3.0/ns/core/200704/responder</eb:Role>
</eb:To>
</eb:PartyInfo>
<eb:CollaborationInfo>
<eb:AgreementRef pmode="phoss-c2-phoss-c3">urn:as4:agreement</eb:AgreementRef>
<eb:Service>SRV_SIMPLE_ONEWAY</eb:Service>
<eb:Action>ACT_SIMPLE_ONEWAY</eb:Action>
<eb:ConversationId>826898</eb:ConversationId>
</eb:CollaborationInfo>
<eb:MessageProperties>
<eb:Property name="originalSender">C1</eb:Property>
<eb:Property name="finalRecipient">C4</eb:Property>
</eb:MessageProperties>
<eb:PayloadInfo>
<eb:PartInfo href="cid:xmlpayload@minder">
<eb:PartProperties>
<eb:Property name="MimeType">application/xml</eb:Property>
<eb:Property name="CharacterSet">ISO-8859-1</eb:Property>
<eb:Property name="CompressionType">application/gzip</eb:Property>
</eb:PartProperties>
</eb:PartInfo>
<eb:PartInfo href="cid:custompayload@minder">
<eb:PartProperties>
<eb:Property name="MimeType">application/octet-stream</eb:Property>
<eb:Property name="CharacterSet">ISO-8859-1</eb:Property>
<eb:Property name="CompressionType">application/gzip</eb:Property>
</eb:PartProperties>
</eb:PartInfo>
</eb:PayloadInfo>
</eb:UserMessage>
</eb:Messaging>
2019-08-08 12:53:29,218: INFO - =====
2019-08-08 12:53:29,223: INFO - C2 AS4 Security Header:
2019-08-08 12:53:29,229: INFO - <?xml version="1.0" encoding="UTF-8"?>
<wsse:Security xmlns:wsse="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-wssecurity-secext-1.0.xsd"
xmlns:S12="http://www.w3.org/2003/05/soap-envelope"
xmlns:wsu="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-wssecurity-utility-1.0.xsd"
```

```
S12:mustUnderstand="true">
<wsse:BinarySecurityToken EncodingType="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-soap-message-security-1.0#Base64Binary"
ValueTypes="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-x509-token-profile-1.0#X509v3"
wsu:Id="Ga6b16ebe-14eb-4e1f-a6fd-5c1e0399c13e">MIIddzCCAl+gAwIBAgIEa5bQAJANBgkqhkiG9w0BAQsFADBBMQswCQYDVQQLGEwJFVTERMA8GA1UECBMlcGhvc3MtYzIxMxETAPBgNVBACgTCHBob3NzLWMyMREwDwYDVQQLGEwhwaG9zcy1jMzERMA8GA1UECXMlcGhvc3MtYzIxMxETAPBgNVBAMTCHBob3NzLWMyMREwDwYDVQQLGEwhwaG9zcy1jMzERMA8GA1UEChMicGhvc3MtYzIxMxETAPBgNVBAsTCHBob3NzLWMyMREwDwYDVQQLGEwhwaG9zcy1jMzERMA8GA1UECzIzhvcNAQEBBQADggEPADCCAQoCggEBAJrgRWo9a7DiX0yH+0ACnX8hUbbtCHLuiSdeucPI2fnfWh8XorPka5rSIRJb61bU6AC/pNFK3EdtlhPxFs5Ajj6c5U8okM36R8jZdry5hf0otGqRlnTBXNgaE2xqvdrjJhZPHGuNyE7sRgAydkFvWRuXAq8uAD23DBG9X1r8dDscSAPnrUx4LF8SlqqrwSbtK0OU1fykoADsoDzhxrkVc3oDHEMMMA4kiOb9/GWmFcHAzGSUjY15P2G1jWCRDi4c3AJ0MMWVzeVdVufXpv2doQ11Aua9L3bb1py7DDvAbtvASwLk5QJqfVX0u3Fxo5BkkeloF5TH4n0RmLKOAYcCAwEAAaMhMB8wHQYDVR0OBBYEFPPZbvaU9/2QALJgMacKtSgdSxG/MAOGCSqGSib3DQEBGwUAA4IBAQBHGwsgC7vPmYru8b4Cgv3E3YEUPIUDYn3jOBDZJevBhSIFPjdZ7IbP1EGcB8yID0d6/awTbiX2+P+od3q+4/ZuB2ktGJSdr51lQrM/DhaJo/3GL7GcmSASWG3YjffX1/Yu6VogaSZYmflVrnatHuD1YG4c6Zbf5P3vw0xVHNTtTfDB8Zp9mKPKPJ3m2sOFii2JODzAgoT/GeZaXHPVU58bQ+KiZ8EvZvPoPiXty4aUlx4d4dILSEGHdqp06vVLBYM43DUwFob4i9I/ybn6iZKdAc3GSZIDkZsvTmbUe2QNs+Mqp3VrPL3fMU9ig182UqIDHMCmx1/7haJi+</wsse:BinarySecurityToken>
<xenc:EncryptedKey xmlns:xenc="http://www.w3.org/2001/04/xmlenc#"
Id="EK-8e640044-4f45-404b-bffe-364fc19539bb">
<xenc:EncryptionMethod Algorithm="http://www.w3.org/2009/xmlenc11#rsa-oaep">
<ds:DigestMethod xmlns:ds="http://www.w3.org/2000/09/xmldsig#"
Algorithm="http://www.w3.org/2001/04/xmlenc#sha256"/>
<xenc11:MGF xmlns:xenc11="http://www.w3.org/2009/xmlenc11#"
Algorithm="http://www.w3.org/2009/xmlenc11#mgf1sha256"/>
</xenc:EncryptionMethod>
<ds:KeyInfo xmlns:ds="http://www.w3.org/2000/09/xmldsig#">
<wsse:SecurityTokenReference>
<wsse:Reference URI="#Ga6b16ebe-14eb-4e1f-a6fd-5c1e0399c13e"
ValueTypes="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=bC5AsvdM7LNDLtUiAKWvoiwZnhXR1SeotB0Js2lZFU4N4rbhT3nhRXlTkt0RrvUOM6V8+SypDpgjSOxhlReJtqnrlcYf2bYggihqAvrYkalYb4bQLSZASsKFnYvybDTUig3Gc+34Lnv6UeHdsliPKqggMo0CD11wOrK0HgD4LaQU13GesEKNEsITXCa6tCDUWganSn0r1jgacWBxV1Qlil+tt7NGitJ9tTKCoqGnwI3hRlcGmnh1YJJH+5zt6wr1ftQ8s+iZjseHvjdcfPVR3alRggV6zyC23LxpKwFRQtCxoYkVII/LDtCtwPcXynxhefg3vOmG236AxVLbRg==</xenc:CipherValue>
</xenc:CipherData>
<xenc:ReferenceList>
<xenc:DataReference URI="#ED-4f8220a-ae7d-4637-b581-b32f830dacec"/>
<xenc:DataReference URI="#ED-ad2849ff-651c-4129-9fd7-8234fd49af67"/>
</xenc:ReferenceList>
<xenc:EncryptedKey>
<xenc:EncryptedData xmlns:xenc="http://www.w3.org/2001/04/xmlenc#"
Id="ED-ad2849ff-651c-4129-9fd7-8234fd49af67"
MimeType="application/gzip"
Type="http://docs.oasis-open.org/wss/oasis-wss-SwAProfile-1.1#Attachment-Content-Only">
<xenc:EncryptionMethod Algorithm="http://www.w3.org/2009/xmlenc11#aes128-gcm"/>
<ds:KeyInfo xmlns:ds="http://www.w3.org/2000/09/xmldsig#">
<wsse:SecurityTokenReference xmlns:wsse11="http://docs.oasis-open.org/wss/oasis-wss-wssecurity-secext-1.1.xsd"
wsse11:TokenTypes="http://docs.oasis-open.org/wss/oasis-wss-soap-message-security-1.1#EncryptedKey">
<wsse:Reference URI="#EK-8e640044-4f45-404b-bffe-364fc19539bb"/>
</wsse:SecurityTokenReference>
</ds:KeyInfo>
<xenc:CipherData>
<xenc:CipherReference URI="cid:custompayload@minder">
<xenc:Transforms>
<ds:Transform xmlns:ds="http://www.w3.org/2000/09/xmldsig#"
Algorithm="http://docs.oasis-open.org/wss/oasis-wss-SwAProfile-1.1#Attachment-Ciphertext-Transform"/>
</ds:Transform>
</xenc:Transforms>
</xenc:CipherReference>
</xenc:CipherData>
<xenc:EncryptedData>
<xenc:EncryptedData xmlns:xenc="http://www.w3.org/2001/04/xmlenc#"
Id="ED-4f8220a-ae7d-4637-b581-b32f830dacec"
MimeType="application/gzip"
Type="http://docs.oasis-open.org/wss/oasis-wss-SwAProfile-1.1#Attachment-Content-Only">
<xenc:EncryptionMethod Algorithm="http://www.w3.org/2009/xmlenc11#aes128-gcm"/>
<ds:KeyInfo xmlns:ds="http://www.w3.org/2000/09/xmldsig#">
<wsse:SecurityTokenReference xmlns:wsse11="http://docs.oasis-open.org/wss/oasis-wss-wssecurity-secext-1.1.xsd"
wsse11:TokenTypes="http://docs.oasis-open.org/wss/oasis-wss-soap-message-security-1.1#EncryptedKey">
<wsse:Reference URI="#EK-8e640044-4f45-404b-bffe-364fc19539bb"/>
</wsse:SecurityTokenReference>
</ds:KeyInfo>
<xenc:CipherData>
<xenc:CipherReference URI="cid:xmlpayload@minder">
<xenc:Transforms>
<ds:Transform xmlns:ds="http://www.w3.org/2000/09/xmldsig#"
Algorithm="http://docs.oasis-open.org/wss/oasis-wss-SwAProfile-1.1#Attachment-Ciphertext-Transform"/>
</ds: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"
ValueTypes="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-x509-token-profile-1.0#X509v3"
wsu:Id="X509-ba1d1c07-c9c4-486d-abb2-2270b22c785d">MIIddzCCAl+gAwIBAgIEWYzEPJANBgkqhkiG9w0BAQsFADBBMQswCQYDVQQLGEwJFVTERMA8GA1UECBMlcGhvc3MtYzIxMxETAPBgNVBACgTCHBob3NzLWMyMREwDwYDVQQLGEwhwaG9zcy1jMzERMA8GA1UECXMlcGhvc3MtYzIxMxETAPBgNVBAMTCHBob3NzLWMyMREwDwYDVQQLGEwhwaG9zcy1jMzERMA8GA1UEChMicGhvc3MtYzIxMxETAPBgNVBAsTCHBob3NzLWMyMREwDwYDVQQLGEwhwaG9zcy1jMjCCASiWdQYJKoZIhvcNAQEBBQADggEPADCCAQoCggEBAIi2bXkvxzZUZYraMsdJqDQWdQrSCA0fRV7z6eQNJpL6PH7OUOJaErflsDz5oHMTT/YbAqk9ZpqiFkb05ZrnNBkaONLC/TMXg8pcZP2iKyO6p05Y27ZKlpwVw0s+xttYTk+QGW0AZKEOU3Zw7e7UnL0SpuMzA4pLusf54oljGzoUBWYR6JPUUalWbCK7+irDN95F4soCYAgqp3JlwalWJmJHZC4dqNk2S3ev3D5/chxmEApXBFffQoXoNko047XqGL5U2gqNKwUIOeCvLW+1CJKAAGCJzwfE/IM1i+FsPQ0PbvZ2xJgXJleoZY57lPlV1Cv8736Q++cekCtDaq93cCAwEAAaMhMB8wHQYDVR0OBBYEFDWwAD19aj0lOrygyV5lrkkoQqOYMAOGCSqGSib3DQEBGwUAA4IBAQBQ+9+ci0fGG3un06F18KdsAcnx+a8Ra0SUQpmYUxYbGwXjUn7IUANARxoo1KUa1dLRYt9GMjJelPY/hZmtaSpTychSuB1I9rNaU1lIN8rVWkK3mEarwFyBOeNPhvSUBnTJaTdwyUvYqLeLDXIKJEhcVvHbUICaRswPGOPUUF7/1L7JBTHStB3RCPc8kDi2kCQzBwVMsb83aUbrq/+fj84jC1xsQMWF1QXa0mqRmTmTQ5gHCkTjT0pKpx88YKWLh+/Xy5V7nGiIF+gz7OpeFRkq1ocU3BZLGYti8GT29j0z9i966ZC5PkrnlvW7amHIZIUGfPoiWJm3zHu8J9P6m7d/4</wsse:BinarySecurityToken>
<ds:Signature xmlns:ds="http://www.w3.org/2000/09/xmldsig#"
Id="SIG-0103027f-3659-4657-b472-cad6a0fcdcae">
<ds:SignedInfo>
<ds:CanonicalizationMethod Algorithm="http://www.w3.org/2001/10/xml-exc-c14n#">
<ec:InclusiveNamespaces xmlns:ec="http://www.w3.org/2001/10/xml-exc-c14n#" PrefixList="S12"/>
</ds:CanonicalizationMethod>
<ds:SignatureMethod Algorithm="http://www.w3.org/2001/04/xmldsig-more#rsa-sha256"/>
<ds:Reference URI="#phase4-msg-11fd839b-c08f-49c6-8f0b-19420ffb2a0a">
<ds:Transforms>
<ds:Transform Algorithm="http://www.w3.org/2001/10/xml-exc-c14n#">
</ds:Transform>
</ds:Reference>
<ds:DigestMethod Algorithm="http://www.w3.org/2001/04/xmlenc#sha256"/>
<ds:DigestValue=lyrX2tljwGL2MlXB7vBaVA6VVBuJkLm+hKkyb65Qy0g=</ds:DigestValue>
</ds:Reference>
<ds:Reference URI="#id-b738054a-af84-4fb2-a579-3c5909aa38e0">
<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>ij0EKUzh3log/cGgQq+pYLP7uFsAW45DWTvu2JhgDk=</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/xmlenc#sha256"/>
<ds:DigestValue>yqDt8JU9CgV++tbfUO3wVj/1811CUMDvel8LpSJ14o=</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/xmlenc#sha256"/>
<ds:DigestValue>r7CBJbov5qfQij53dkc1t13rbaTa3dKkqkCR5ankr0=</ds:DigestValue>
</ds:Reference>
</ds:SignedInfo>
<ds:SignatureValue>XBz12lq5kLeO05FHV0nevuvYGxo+Om4w8lPykr3XdRbInD1V9a2lJICvLTkoN7GdJZXC/VqUs92W14OFjsfnb1AeX4HxTqVkJ2SHn6Aqc6kVmF35t8DNm+1B7G45k65
Di0+aaGTJ8wyjchFFTtA0fZONyKwdc3ZQxaoPbhPp4mopt5f1kKcNh3Eajg0G7VN+VrWJT3sVkr4rDIHG9GEGnxyigJGIBKmXouH/U4X75YARl0USYB/p6TmLJy4Nu/h1ave65tbiVrqsm0r8
z7Vvq5YkSh/4fYALLSTiXtBYKJ/t6NZl3hsjs9syA5bX45c/JE/SnTa+6t89P2l9PG1EA==</ds:SignatureValue>
<ds:KeyInfo Id="KI-6b46e8c2-0291-4e25-b29d-3984e57581bd">
<wsse:SecurityTokenReference wsu:Id="STR-bf393229-2ea0-433b-810a-a90d20484a22">
<wsse:Reference URI="#X509-ba1d1c07-c9c4-486d-abb2-2270b22c785d"
ValueType="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-x509-token-profile-1.0#X509v3"/>
</wsse:SecurityTokenReference>
</ds:KeyInfo>
</ds:Signature>
</wsse:Security>
2019-08-08 12:53:29,235: INFO - =====
2019-08-08 12:53:29,241: INFO - Encryption Algorithm: http://www.w3.org/2009/xmlenc11#aes128-gcm
2019-08-08 12:53:29,246: INFO - =====
2019-08-08 12:53:29,251: DEBUG - Assign free vars
2019-08-08 12:53:29,257: INFO - > CALL SLOT as4-adapter|8.sendMessage(byte[])
2019-08-08 12:53:29,377: INFO - < SLOT CALLED as4-adapter|8.sendMessage(byte[])
2019-08-08 12:53:29,383: INFO - < Rivet finished successfully
2019-08-08 12:53:29,388: INFO - -----
2019-08-08 12:53:29,393: INFO - > RUN RIVET 3
2019-08-08 12:53:29,398: DEBUG - > Wait For Signal:as4-adapter|8.replyReceived(byte[])
2019-08-08 12:53:29,403: DEBUG - < Signal Arrived: as4-adapter|8.replyReceived(byte[])
2019-08-08 12:53:29,409: INFO - =====
2019-08-08 12:53:29,415: INFO - Received the Receipt: 1565268809415
2019-08-08 12:53:29,420: INFO - =====
2019-08-08 12:53:29,427: INFO - RECEIPT:
2019-08-08 12:53:29,432: INFO - <?xml version="1.0" encoding="UTF-8"?>
<S12:Header xmlns:S12="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"
xmlns:wsu="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-wssecurity-utility-1.0.xsd"
S12:mustUnderstand="true">
<wsse:BinarySecurityToken EncodingType="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-soap-message-security-1.0#Base64Binary"
ValueType="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-x509-token-profile-1.0#X509v3"
wsu:Id="X509-3eb7e1ff-fe33-43a4-a819-
51c3a20ab18b">MIIDdzCCA1+gAwIBAgIEa5bQAjANBgqhkiG9w0BAQsFAFDBBMQswCQYDVQQGEwJFVTERMA8GA1UECBMlGhvc3MtYzZmXmETAPBgNVBACgTCHBob3NzLWZmZMRew
DwYDVQQKEWhwaG9zcyc1jMzERMA8GA1UECmMlGhvc3MtYzZmXmETAPBgNVBAMTCHBob3NzLWZmZMB4XDTE5MDYwZmE0MzUyMfOXDTIxMDYwMjE0MzUyMfOWFowbDELMAKGA1UEB
hMCVRVUxEtAPBgNVBAGTCHBob3NzLWZmZMRewDwYDVQQHEWhwaG9zcyc1jMzERMA8GA1UEChMlGhvc3MtYzZmXmETAPBgNVBAsTCHBob3NzLWZmZMRewDwYDVQQDEWhwaG9zc
y1jMzCCAASiWdQYjK0ZlhcVNAQEBBQADggEPADCCAQoCggEBAJrgRWo9a7DiX0yH+0ACnX8hUbbtCHluiSdeucPI2fnfWh8XorPKa5rSIRJb61bU6AC/pNPK3EdtlhPxFS5AjJ6c5U8okM
36r8JZdy5hfo0tGqRlnTBXNgAE2xqvdrjJhiZPHguNYe7sRgAyd2kFvWRuXAq8uAD23DBG9X1r8dDscSAPnrUx4LF8SlqqwrSbt0OU1fykoADsoDZhxrkVc3oDHEMMMM4kiOb9/GWmFch
AzGSUjY15P2lJwCRDi4c3/Aj0MIMWzeWdVufXpvd2doQ11Aua9L3bbply7DvAbtvASwLk5QjQfVX0u3Fxo5BkkeloF5TH4n0RmLKOAyCcAwEAAMhMB8wHQYDVRO0BBYEFPPZzbvaU9
/2QALJgmQcKtSgdSxG/MA0GCSqSqsSlb3DQEBCwUAA4IBAQBHGWsgC7vPMYru8b4Cgv3E3YeXIUPDYn3jOBBDZJevBHSIFjdZ7lbp1EGCB8yIXD0d6/atwTbiX2+P+od3q+4/ZuB2ktGJSdr
51lQrM/DhaJo/3GL7GcmSASWg3YjffX1/Yu6Voga/sZYmflVrnatHuD1YG4c6Zbf5P3vw0xVHNT1TfDB8Zp9mKPKP3Jm2sOfiI2DZdAgoTt/GeZaXHPVU58gQ+KiZ8EvZvPoPiXty4aUlxd4d
ILSEGHdQp06VVLBYM43DUwFob4i9Iybn6IZKdAc3GSZIDkZsvTmbUe2QNns+Mqp3VrPL3fMU9ig182UqJlDHCmGx17/haJji+</wsse:BinarySecurityToken>
</ds:Signature xmlns:ds="http://www.w3.org/2000/09/xmldsig#"
Id="SIG-76edd32d-5b5e-4566-bc69-dbf9343a1e8">
</ds:SignedInfo>
<ds:CanonicalizationMethod Algorithm="http://www.w3.org/2001/10/xml-exc-c14n#">
<ec:InclusiveNamespaces xmlns:ec="http://www.w3.org/2001/10/xml-exc-c14n#" PrefixList="S12"/>
</ds:CanonicalizationMethod>
<ds:SignatureMethod Algorithm="http://www.w3.org/2001/04/xmldsig-more#rsa-sha256"/>
<ds:Reference URI="#phase4-msg-25329d1f-b50d-4df6-b3e8-52ce0ab35009">
</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>B3mOTRPHJ9k2JfIHlW7uN3FRMhDwdQFRDD04x25f8ac=</ds:DigestValue>
</ds:Reference>
<ds:Reference URI="#id-832e57d4-bb0f-488c-9bf8-1b290fe30be1">
</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>VYHRHeEWyc12YyXEstlG5lI2qhZuHKAX9FvwHGge0w=</ds:DigestValue>
</ds:Reference>
</ds:SignedInfo>
<ds:SignatureValue>huN19X5uoU9t2R2KcaMYXsAFdljRALANuzbt5S/zqet/k06j5FtgT3uop7VS8a0C4QGZflq/ohN3/nM7ZJJUj/oxQhY5/bqNwAzAxyPtD5z1X1/RRJA4PFR0qiBUtTz0nzl
B97tk61RouX6Nug3aCb4I+IIITTHZEvk+icoUcPvAOyJnohmCGy6JLKbmob8rtlnB1vRwacnlBVf+IPOSDoARc8+GycK3KErO6mF9f8+uxLM0nUU5JQTMwRMi9RDzO4j992kt58UdJoxEh4
och7hswfEQ7B16sdhpErmtp3jBdMs4M7xTe4qkqbanfTGKavF2YDs+5l-6AbiL+2AA==</ds:SignatureValue>
<ds:KeyInfo Id="KI-754cb571-38af-4170-952d-b932ecf622ba">
<wsse:SecurityTokenReference wsu:Id="STR-462dab5c-aa64-45b0-bd5d-bc79ecdeb746">
<wsse:Reference URI="#X509-3eb7e1ff-fe33-43a4-a819-51c3a20ab18b"
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:S11="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:ebbp="http://docs.oasis-open.org/ebxml-bp/ebbp-signals-2.0"
xmlns:wsu="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-wssecurity-utility-1.0.xsd"
xmlns:ds="http://www.w3.org/2000/09/xmldsig#"
xmlns:link="http://www.w3.org/1999/xlink"
S12:mustUnderstand="true"
wsu:Id="phase4-msg-25329d1f-b50d-4df6-b3e8-52ce0ab35009">

```

```
<eb:SignalMessage>
<eb:MessageInfo>
<eb:Timestamp>2019-08-08T12:53:34.424</eb:Timestamp>
<eb:MessageId>531c4fcd-bb29-4db5-baf0-b0399a48b608@phase4</eb:MessageId>
<eb:RefToMessageId>9580e4aa-64a2-46cb-aef5-d53ff0ed6aa7@mindertestbed.org</eb:RefToMessageId>
</eb:MessageInfo>
<eb:Receipt>
<ebbp:NonRepudiationInformation>
<ebbp:MessagePartNRInformation>
<ds:Reference URI="#phase4-msg-11fd839b-c08f-49c6-8f0b-19420ffb2a0a">
<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>lyrX2tjwG2LMXB7vBaVA6VVBuJkLm+hKkyb65Qy0g=</ds:DigestValue>
</ds:Reference>
</ebbp:MessagePartNRInformation>
<ebbp:MessagePartNRInformation>
<ds:Reference URI="#id-b738054a-af84-4fb2-a579-3c5909aa38e0">
<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>ijOEKUh3log/cGgQq+pYLp7uFsAW45DWTvu2JhgoDk=</ds:DigestValue>
</ds:Reference>
</ebbp:MessagePartNRInformation>
<ebbp:MessagePartNRInformation>
<ds:Reference 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+tbFUO3wVj/I811CUMDvel8LpSJ14o=</ds:DigestValue>
</ds:Reference>
</ebbp:MessagePartNRInformation>
<ebbp:MessagePartNRInformation>
<ds:Reference URI="cid:custompayload@minder">
<ds:Transforms>
<ds:Transform Algorithm="http://docs.oasis-open.org/wss/oasis-wss-SwAProfile-1.1#Attachment-Content-Signature-Transform"/>
</ds:Transforms>
<ds:DigestMethod Algorithm="http://www.w3.org/2001/04/xmenc#sha256"/>
<ds:DigestValue>r7CBJboV5qfQij53dkc1t13rbaTa3dKkqkCR5ankrf0=</ds:DigestValue>
</ds:Reference>
</ebbp:MessagePartNRInformation>
</ebbp:NonRepudiationInformation>
</eb:Receipt>
</eb:SignalMessage>
</eb:Messaging>
</S12:Header>
2019-08-08 12:53:29,437: INFO - =====
2019-08-08 12:53:29,443: DEBUG - Assign free vars
2019-08-08 12:53:29,448: INFO - > CALL SLOT as4-adapter|8.sendResponse(byte[])
2019-08-08 12:53:29,456: INFO - < SLOT CALLED as4-adapter|8.sendResponse(byte[])
2019-08-08 12:53:29,461: INFO - < Rivet finished sucessfully
2019-08-08 12:53:29,466: INFO - -----

2019-08-08 12:53:29,471: INFO - > RUN RIVET 4
2019-08-08 12:53:29,477: DEBUG - > Wait For Signal:genericAS4Corner4|8.receiveMessage(esens.wp6.esensMshBackend.SubmissionData)
2019-08-08 12:53:30,601: DEBUG - < Signal Arrived: genericAS4Corner4|8.receiveMessage(esens.wp6.esensMshBackend.SubmissionData)
2019-08-08 12:53:30,611: INFO - =====
2019-08-08 12:53:30,616: INFO - Corner4 Received Payloads:
2019-08-08 12:53:30,621: INFO - Data
2019-08-08 12:53:30,626: INFO - originalSender: C1
2019-08-08 12:53:30,632: INFO - finalRecipient: C4
2019-08-08 12:53:30,637: INFO - refToMessageId: null
2019-08-08 12:53:30,643: INFO - conversationId: 826898
2019-08-08 12:53:30,648: INFO - messageId: 9580e4aa-64a2-46cb-aef5-d53ff0ed6aa7@mindertestbed.org
2019-08-08 12:53:30,653: INFO - to: Minder
2019-08-08 12:53:30,659: INFO - from: null
2019-08-08 12:53:30,664: INFO - pModel: null
2019-08-08 12:53:30,669: INFO - =====
2019-08-08 12:53:30,678: INFO - payloadId: xmlpayload@minder == type: application/xml.
2019-08-08 12:53:30,683: INFO - <min><der>sample</der></min>
2019-08-08 12:53:30,689: INFO - payloadId: custompayload@minder == type: application/octet-stream.
2019-08-08 12:53:30,695: INFO - !! Modify me after submission, if you dare!!
2019-08-08 12:53:30,700: INFO - =====
2019-08-08 12:53:30,705: DEBUG - Assign free vars
2019-08-08 12:53:30,710: INFO - > CALL SLOT NULLADAPTER.NULLSLOT
2019-08-08 12:53:30,715: INFO - < SLOT CALLED NULLADAPTER.NULLSLOT
2019-08-08 12:53:30,721: INFO - < Rivet finished sucessfully
2019-08-08 12:53:30,726: INFO - -----

2019-08-08 12:53:30,731: INFO - > RUN RIVET 5
2019-08-08 12:53:30,736: DEBUG - > Wait For Signal:genericAS4Corner1|8.processNotification(esens.wp6.esensMshBackend.MessageNotification)
2019-08-08 12:53:30,789: DEBUG - < Signal Arrived: genericAS4Corner1|8.processNotification(esens.wp6.esensMshBackend.MessageNotification)
2019-08-08 12:53:30,798: INFO - =====
2019-08-08 12:53:30,803: INFO - Corner1 backend NOTIFICATION
2019-08-08 12:53:30,808: INFO - status :Receipt
2019-08-08 12:53:30,813: INFO - messageId: 9580e4aa-64a2-46cb-aef5-d53ff0ed6aa7@mindertestbed.org
2019-08-08 12:53:30,819: INFO - shortDescription: null
2019-08-08 12:53:30,824: INFO - descriptionnull
2019-08-08 12:53:30,830: INFO - =====
2019-08-08 12:53:30,837: DEBUG - Assign free vars
2019-08-08 12:53:30,842: INFO - > CALL SLOT NULLADAPTER.NULLSLOT
2019-08-08 12:53:30,847: INFO - < SLOT CALLED NULLADAPTER.NULLSLOT
2019-08-08 12:53:30,852: INFO - < Rivet finished sucessfully
2019-08-08 12:53:30,857: INFO - -----

2019-08-08 12:53:30,863: INFO - Test #29769 Finished
```


Test Report - AS4_CP_TA14

Overview

Test Group:	AS4 Common Profile Test Assertions
Test Assertion:	AS4_CP_TA14
Test Case:	AS4_CP_TA14_TC01
User:	ROOT
Date:	2019.08.08 12:53:32
System(s) Tested:	1- Phase4

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

Test Assertion Details

TAID:	AS4_CP_TA14
Target:	Message reliability
Normative Source:	[eDelivery-AS4] "For Reliable Messaging this profile specifies that AS4 non-repudiation receipts MUST be sent synchronously for each message type. The parameter PMode[].Security.SendReceipt.NonRepudiation MUST be set to the value true. The parameter PMode[].Security.SendReceipt.ReplyPattern MUST be set to the value Response."
Prescription Level:	Mandatory
Prerequisite:	<ul style="list-style-type: none">• SSMH and RSMH are configured to exchange AS4 messages according to the eDelivery AS4 profile (Two-Way/Push-and-Push MEP).• SSMH sends an AS4 User Message to the RSMH.
Predicate:	The RSMH returns a non-repudiation receipt within a HTTP response with status code 2XX.
Variables:	
Tag:	Non-repudiation receipt


```
<wsse:SecurityTokenReference xmlns:wsse11="http://docs.oasis-open.org/wss/oasis-wss-wssecurity-secext-1.1.xsd"
wsse11:TokenType="http://docs.oasis-open.org/wss/oasis-wss-soap-message-security-1.1#EncryptedKey">
<wsse:Reference URI="#EK-55809a9a-5228-418a-90f5-f3e8c7c36f9e"/>
</wsse:SecurityTokenReference>
</ds:KeyInfo>
<xenc:CipherData>
<xenc:CipherReference URI="cid:custompayload@minder">
<xenc:Transforms>
<ds:Transform xmlns:ds="http://www.w3.org/2000/09/xmldsig#"
Algorithm="http://docs.oasis-open.org/wss/oasis-wss-SwAProfile-1.1#Attachment-Ciphertext-Transform"/>
</xenc:Transforms>
</xenc:CipherReference>
</xenc:CipherData>
</xenc:EncryptedData>
<xenc:EncryptedData xmlns:xenc="http://www.w3.org/2001/04/xmlenc#"
Id="ED-144c5012-0b4a-4e4f-8454-77df95def2f9"
MimeType="application/gzip"
Type="http://docs.oasis-open.org/wss/oasis-wss-SwAProfile-1.1#Attachment-Content-Only">
<xenc:EncryptionMethod Algorithm="http://www.w3.org/2009/xmlenc11#aes128-gcm"/>
<ds:KeyInfo xmlns:ds="http://www.w3.org/2000/09/xmldsig#">
<wsse:SecurityTokenReference xmlns:wsse11="http://docs.oasis-open.org/wss/oasis-wss-wssecurity-secext-1.1.xsd"
wsse11:TokenType="http://docs.oasis-open.org/wss/oasis-wss-soap-message-security-1.1#EncryptedKey">
<wsse:Reference URI="#EK-55809a9a-5228-418a-90f5-f3e8c7c36f9e"/>
</wsse:SecurityTokenReference>
</ds:KeyInfo>
<xenc:CipherData>
<xenc:CipherReference URI="cid:xmlpayload@minder">
<xenc:Transforms>
<ds:Transform xmlns:ds="http://www.w3.org/2000/09/xmldsig#"
Algorithm="http://docs.oasis-open.org/wss/oasis-wss-SwAProfile-1.1#Attachment-Ciphertext-Transform"/>
</xenc:Transforms>
</xenc:CipherReference>
</xenc:CipherData>
</xenc:EncryptedData>
<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="X509-080d3db5-641c-4baf-be5d-ddbcaa7cf95c">
MIIDdzCCAl+gAwIBAgIEWYzEPjANBgkqhkiG9w0BAQsFADBsMQswCQYDVQQGEwJFVTERMA8GA1UECBMicGhvc3MtYzlxETAPBgNVBACtCHBob3NzLWMyMREw
DwYDVQQKEWhwaG9zcy1jMjERMA8GA1UECXMicGhvc3MtYzlxETAPBgNVBAMTCHBob3NzLWMyMREwDwYDVQQHEWhwaG9zcy1jMjERMA8GA1UECmlicGhvc3MtYzlxETAPBgNVBAsTCHBob3NzLWMyMREwDwYDVQQDEWhwaG9zcy1jMj
jCCASiWdQYJKoZIhvcNAQEBBQADggEPADCCAQoCggEBAlI2bXkvxzZUZyRaMsdJqDqWDqRSCA0fRV7z6eQNJpL6PH7OuoJaErfl/sDz5oHMTT/YbAqk9ZpqiFkb05ZrnNBkaONLC/TMX
q8pcZP2iKyO6p05Y27ZKlpuWVo8+xttYTK+QGWOAZkEOU3Zw7e7UnLOsPmuZa4pLuSf54oJGzoUBWYR6JPuUalWbCK7+irDN95F4soCYAgqP3jIwalWiJmJHZC4dqNk2S3ev3D5/chxm
EApXBFffQoXoNko047XqGL5U2gqNKwUIOeCvLw+1CJKAAGCJzwfE/IM1i+FspQ0PbvZ2xJgJleoZY57IplV1Cv8736Q++cekCtDaq93cCAwEAaAMhMB8wHQYDVR0OBBYEFdWwAD1
9aj0iOrgyeV5lrkk0qyOYMAOGCSqSgSib3DQEBcWUAA4IBAQB+9+ci0fGG3un06F18KdsAcnx+a8Ra0SUQpmYuXBfGwxJUn7IUANARxoo1KUa1dLYRt9GMjJeIPY/hZmtaSptychSub1I9rN
aU1IN8rVwK3mEarwFyBoENPhvSUBnTJaTdwYUvQeLDXIKJEhcVvHbUiCaRswPGOPUUF7/1L7JBTHStB3RPCi8kDi2kCqzBWVMSb83aUrq/+rj84jC1xsQMWFIIQXaA0mqmRmTNTQ5g
HCkjTfOpKpx88YKWLh+/Xs5yV7nGiIF+gzT0peFRkq1ocU3BZLGYti8GT29j0z9i966ZC5pRknIvW7amHIZiUGfPoiWJm3zHu8J9P6m7d4/<wsse:BinarySecurityToken>
<ds:Signature xmlns:ds="http://www.w3.org/2000/09/xmldsig#"
Id="SIG-d9acc3c9-1b79-4172-bf4d-342cdb5f1ee9">
<ds:SignedInfo>
<ds:CanonicalizationMethod Algorithm="http://www.w3.org/2001/10/xml-exc-c14n#">
<ec:InclusiveNamespaces xmlns:ec="http://www.w3.org/2001/10/xml-exc-c14n#" PrefixList="S12"/>
</ds:CanonicalizationMethod>
<ds:SignatureMethod Algorithm="http://www.w3.org/2001/04/xmldsig-more#rsa-sha256"/>
<ds:Reference URI="#phase4-msg-c2bbfa24-4db7-402b-8506-1ae56318b714">
<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>R75vXCsTuEbTka3RO3oSTSYZMHJk5xaxq5rEzdaFCWc=</ds:DigestValue>
</ds:Reference>
<ds:Reference URI="#id-4b3a51f4-89a9-489f-8f1a-19933e436ecc">
<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>HMCgyYmVsTV1HBs58tSqsN6YsMsiRbeqWuLjYUIB1Oc=</ds:DigestValue>
</ds:Reference>
<ds:Reference 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/xmlenc#sha256"/>
<ds:DigestValue>yqDt8JU9CgV+e+tbfUO3wVj/I811CUMDvel8LpSJ14o=</ds:DigestValue>
</ds:Reference>
<ds:Reference URI="cid:custompayload@minder">
<ds:Transforms>
<ds:Transform Algorithm="http://docs.oasis-open.org/wss/oasis-wss-SwAProfile-1.1#Attachment-Content-Signature-Transform"/>
</ds:Transforms>
<ds:DigestMethod Algorithm="http://www.w3.org/2001/04/xmlenc#sha256"/>
<ds:DigestValue>r7CBJbov5qfQij53dkc1t13rbaTa3dKKqkCR5ankrf0=</ds:DigestValue>
</ds:Reference>
</ds:SignedInfo>
<ds:SignatureValue>I3xHedIsFHI6/MMiHEnBu46VhSzwHm8Tg9DyF200KrzuVFFr0P4qOdJbehijQB/DloefeRvvvFcc1LFNEsjFtap6vI4gWvirJfZLKJyTrsInHypekyUTWVDYHuT+VAT9z
H/1DFg3UV0fLnf/XlrZEP7RPI3xVKHoiYXtVfdQubynDia0P+pP5P3bUBHHSw20vElyMqal1FponOlh+sGiHW22kBW+KpeMqK7xAAkVasMp/LyXX+gBQvi6DPTj3LbUwOzSHyjKmlu2idsoK
/9RZi31N1yVe1+He6tA8bJfxsbl2Zv+OZjBRXCLP2Gmx3Egrdq1uHsW6QrPq1Z7bg==</ds:SignatureValue>
<ds:KeyInfo Id="KI-371ee69f-9133-4005-91ca-a681fc5a06d1">
<wsse:SecurityTokenReference wsu:Id="STR-18028882-9c6f-44e0-bd51-0efc0a7cea95">
<wsse:Reference URI="#X509-080d3db5-641c-4baf-be5d-ddbcaa7cf95c"
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:S11="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:ebbp="http://docs.oasis-open.org/ebxml-bp/ebbp-signals-2.0"
xmlns:wsu="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-wssecurity-utility-1.0.xsd"
xmlns:ds="http://www.w3.org/2000/09/xmldsig#"
xmlns:xlink="http://www.w3.org/1999/xlink"
S12:mustUnderstand="true"
wsu:Id="phase4-msg-c2bbfa24-4db7-402b-8506-1ae56318b714">
<eb:UserMessage>
<eb:MessageInfo>
<eb:Timestamp>2019-08-08T12:53:39.572</eb:Timestamp>
<eb:MessageId>b76b85ae-7716-45ab-a8c8-62f2ae20531c@mindertestbed.org</eb:MessageId>
```

```
</eb:MessageInfo>
<eb:PartyInfo>
<eb:From>
<eb:PartyId>phoss-c2</eb:PartyId>
<eb:Role>http://www.esens.eu/as4/conformancetest/sut</eb:Role>
</eb:From>
<eb:To>
<eb:PartyId>phoss-c3</eb:PartyId>
<eb:Role>http://docs.oasis-open.org/ebxml-msg/ebms/v3.0/ns/core/200704/responder</eb:Role>
</eb:To>
</eb:PartyInfo>
<eb:CollaborationInfo>
<eb:AgreementRef pmode="phoss-c2-phoss-c3">urn:as4:agreement</eb:AgreementRef>
<eb:Service>SRV_SIMPLE_TWOWAY</eb:Service>
<eb:Action>ACT_SIMPLE_TWOWAY</eb:Action>
<eb:ConversationId>746864</eb:ConversationId>
</eb:CollaborationInfo>
<eb:MessageProperties>
<eb:Property name="originalSender">C1</eb:Property>
<eb:Property name="finalRecipient">C4</eb:Property>
</eb:MessageProperties>
<eb:PayloadInfo>
<eb:PartInfo href="cid:xmlpayload@minder">
<eb:PartProperties>
<eb:Property name="MimeType">application/xml</eb:Property>
<eb:Property name="CharacterSet">ISO-8859-1</eb:Property>
<eb:Property name="CompressionType">application/gzip</eb:Property>
</eb:PartProperties>
</eb:PartInfo>
<eb:PartInfo href="cid:custompayload@minder">
<eb:PartProperties>
<eb:Property name="MimeType">application/octet-stream</eb:Property>
<eb:Property name="CharacterSet">ISO-8859-1</eb:Property>
<eb:Property name="CompressionType">application/gzip</eb:Property>
</eb:PartProperties>
</eb:PartInfo>
</eb:PayloadInfo>
<eb:UserMessage>
</eb:Messaging>
</S12:Header>
2019-08-08 12:53:34,785: INFO - =====
2019-08-08 12:53:34,790: DEBUG - Assign free vars
2019-08-08 12:53:34,795: INFO - > CALL SLOT as4-adapter|8.sendMessage(byte[])
2019-08-08 12:53:34,927: INFO - < SLOT CALLED as4-adapter|8.sendMessage(byte[])
2019-08-08 12:53:34,932: INFO - < Rivet finished sucessfully
2019-08-08 12:53:34,937: INFO - -----

2019-08-08 12:53:34,942: INFO - > RUN RIVET 3
2019-08-08 12:53:34,948: DEBUG - > Wait For Signal:as4-adapter|8.replyReceived(byte[])
2019-08-08 12:53:34,953: DEBUG - < Signal Arrived: as4-adapter|8.replyReceived(byte[])
2019-08-08 12:53:34,960: INFO - =====
2019-08-08 12:53:34,965: INFO - RECEIPT:
2019-08-08 12:53:34,971: INFO - <?xml version="1.0" encoding="UTF-8"?>
<S12:Header xmlns:S12="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"
xmlns:wsu="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-wssecurity-utility-1.0.xsd"
S12:mustUnderstand="true">
<wsse:BinarySecurityToken EncodingType="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-soap-message-security-1.0#Base64Binary"
ValueType="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-x509-token-profile-1.0#X509v3"
wsu:Id="X509-90ff9946-fc16-40d5-b8b1-
c5719166476e">MIIDdzCCAAl+gAwIBAgIEa5bQAjANBgkqhkiG9w0BAQsFADBsMQswCQYDVQGEwJFVTERMA8GA1UECBMlcGhvc3MtYzZmXETAPBgNVBAClTCHBob3NzLWZmZMRew
DwYDVQQKEWhwaG9zcyc1jMzERMA8GA1UECzMlcGhvc3MtYzZmXETAPBgNVBAMTCHBob3NzLWZmZMRewDwYDVQQDEWhwaG9zc
hMCRVUETAPBgNVBAGlTCHBob3NzLWZmZMRewDwYDVQQHEWhwaG9zcyc1jMzERMA8GA1UECzMlcGhvc3MtYzZmXETAPBgNVBAsTCHBob3NzLWZmZMRewDwYDVQQDEWhwaG9zc
y1jMzCCASlwdQYJKoZIhvcNAQEBBQADggEPADCCAQoCggEBAJrgRWo9a7DiX0yH+0ACnX8hUbbtCHLuiSdeucPI2fnTWh8XorPka5rSIRJb61bU6AC/pNFK3EdtlhPxFs5A
jzJ6c5U8okM36R8jZdry5hfo0tGqRlnTBXNgaE2qxvdjrJhZiPZHguNYe7sRgAydzkFvWRuXAq8aAD23DBG9X1r8dDscSAPnrUx4LF8SlqqwrSbtK0OU1fykoADsoDzhxrkVc3oDHEMM
4kiOb9/GWmFcH
AzGSUjYl15PG2lJjWCRDi4c3AjoMIMWzeWDvUfXpv2doQ1lAua9L3bbblpy7DDvAbtvASwLk5QJqfVX0u3Fxo5BkkeloF5TH4n0RmLKOAYcCAwEAAaMhMB8wHQYDVR0OBBYEF
PZzbvaU9
/2QALJgMqCkISgdSxG/MAOGCSqGSilb3DQEBcWUAA4IBAQBHGWsgC7vPMYru8b4Cgv3E3YeXIUPDYn3jOBDZJevBhSIFPjdZ7IbP1EGcB8ylXD0d6/awTbiX2+P+od3q+4/ZuB2ktGJSdr
51lQrM/DhaJo/3GL7GcmSASWG3YjffX1/Yu6Voga/sZYmflVrnatHuD1YG4c6Zbf5P3vw0xVHNT:TfDB8Zp9mKPKPJ3m2sOFii2JODzAgoTf/GeZaXHPVU58bQ+KiZ8EvZvPoPiXty4aU
lxd4d
ILSEGHdQpfO6vVLBYM43DUwFob4I9Iybn6iZKdAc3GSZIDkZsvTmbUe2QNs+Mqp3VrpL3fMU9ig182UqiDHCmGx1/7/haJji+</wsse:BinarySecurityToken>
<ds:Signature xmlns:ds="http://www.w3.org/2000/09/xmldsig#"
Id="SIG-eef4c93c-856a-4a1c-8604-49a90118df10">
<ds:SignedInfo>
<ds:CanonicalizationMethod Algorithm="http://www.w3.org/2001/10/xml-exc-c14n#">
<ec:InclusiveNamespaces xmlns:ec="http://www.w3.org/2001/10/xml-exc-c14n#" PrefixList="S12"/>
</ds:CanonicalizationMethod>
<ds:SignatureMethod Algorithm="http://www.w3.org/2001/04/xmldsig-more#rsa-sha256"/>
<ds:Reference URI="#phase4-msg-cb1127c7-2ddb-4386-b6bf-49bfab9e2490">
<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>j+a+UUlvdX3TYqDPvWBjAKD9P1/SE9CRGL1ThJLRMfc</ds:DigestValue>
</ds:Reference>
<ds:Reference URI="#id-5ec2b6dd-5e9e-4c51-8a9a-79b3d31afa97">
<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>t/rVml5loeinP7KbAefVwgru7Ho0Ro/s9DwC7qtH6AQ=</ds:DigestValue>
</ds:Reference>
</ds:SignedInfo>
<ds:SignatureValue>cT27SSnRTgsawrJU84tE741Q5FK5kVXQKIZ8ORUY7JmvCyDsV6j9Llbe8Q8hQE5CpwUaPINf29YnSB0xg1h7aCXc0XEypLK2CfY6id/6XbZhXqChxcqFTwM8YWLc
hSNRcIlyMSNRrmhst0sh9Hu10+pt76yCb5J1OCuuKPo+hdCspskxuzFcPbEzUpkBWENQ7O4xyxyj+K1wVNVn4L8gQM7UEGRb9zUVT9P33atRREkacJjNDthE6YBsK5sAXNah7/oHo7w
ybv7aLpZrlcSfYs4vXfpZvsXmoOGtLdm/3KUdGegCCOxmzkMuyjinO9a6nNRXFdOoCmJ7U06mdPQ=</ds:SignatureValue>
<ds:KeyInfo Id="KI-a4f8b00d-369c-41a3-ab59-cb4ed6a437f0">
<wsse:SecurityTokenReference wsu:Id="STR-d5ac3469-ba8a-472f-85c6-54c6a6919512">
<wsse:Reference URI="#X509-90ff9946-fc16-40d5-b8b1-c5719166476e"
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:S11="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:ebbp="http://docs.oasis-open.org/ebxml-bp/ebbp-signals-2.0"
```

```
xmlns:wsu="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-wssecurity-utility-1.0.xsd"
xmlns:ds="http://www.w3.org/2000/09/xmldsig#"
xmlns:xlink="http://www.w3.org/1999/xlink"
S12:mustUnderstand="true"
wsu:Id="phase4-msg-cb1127c7-2ddb-4386-b6bf-49bfab9e2490">
<eb:SignalMessage>
<eb:MessageInfo>
<eb:Timestamp>2019-08-08T12:53:39.942</eb:Timestamp>
<eb:MessageId>5a0554be-1ad9-41e4-8d7d-862a0e00c0e0@phase4</eb:MessageId>
<eb:RefToMessageId>b76b85ae-7716-45ab-a8c8-62f2ae20531c@mindertestbed.org</eb:RefToMessageId>
</eb:MessageInfo>
<eb:Receipt>
<ebbp:NonRepudiationInformation>
<ebbp:MessagePartNRInformation>
<ds:Reference URI="#phase4-msg-c2bbfa24-4db7-402b-8506-1ae56318b714">
<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>R75VCsTuEbTKA3RO3oSTSYZMHJk5xaxq5rEzdaFCWc</ds:DigestValue>
</ds:Reference>
</ebbp:MessagePartNRInformation>
<ebbp:MessagePartNRInformation>
<ds:Reference URI="#id-4b3a51f4-89a9-489f-8f1a-19933e436ecc">
<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>HMCgyYmVsTV1HBs58tSqsN6YsMsiRbeqWuLjYUIB1Oc</ds:DigestValue>
</ds:Reference>
</ebbp:MessagePartNRInformation>
<ebbp:MessagePartNRInformation>
<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+tbFUO3wVjI811CUMDvel8LpSJ14o</ds:DigestValue>
</ds:Reference>
</ebbp:MessagePartNRInformation>
<ebbp:MessagePartNRInformation>
<ds:Reference URI="cid:custompayload@minder">
<ds:Transforms>
<ds:Transform Algorithm="http://docs.oasis-open.org/wss/oasis-wss-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>
</ebbp:MessagePartNRInformation>
</ebbp:NonRepudiationInformation>
</eb:Receipt>
</eb:SignalMessage>
</eb:Messaging>
</S12:Header>
2019-08-08 12:53:34,976: INFO - =====
2019-08-08 12:53:34,982: DEBUG - Assign free vars
2019-08-08 12:53:34,987: INFO - > CALL SLOT as4-adapter|8.sendResponse(byte[])
2019-08-08 12:53:34,993: INFO - < SLOT CALLED as4-adapter|8.sendResponse(byte[])
2019-08-08 12:53:34,998: INFO - < Rivet finished sucessfully
2019-08-08 12:53:35,004: INFO - =====

2019-08-08 12:53:35,009: INFO - > RUN RIVET 4
2019-08-08 12:53:35,014: DEBUG - > Wait For Signal:genericAS4Corner4|8.receiveMessage(esens.wp6.esensMshBackend.SubmissionData)
2019-08-08 12:53:36,098: DEBUG - < Signal Arrived: genericAS4Corner4|8.receiveMessage(esens.wp6.esensMshBackend.SubmissionData)
2019-08-08 12:53:36,107: INFO - =====
2019-08-08 12:53:36,112: INFO - Corner4 Received Payloads:
2019-08-08 12:53:36,118: INFO - Data
2019-08-08 12:53:36,123: INFO - originalSender: C1
2019-08-08 12:53:36,128: INFO - finalRecipient: C4
2019-08-08 12:53:36,133: INFO - refToMessageId: null
2019-08-08 12:53:36,138: INFO - conversationId: 746864
2019-08-08 12:53:36,143: INFO - messageId: b76b85ae-7716-45ab-a8c8-62f2ae20531c@mindertestbed.org
2019-08-08 12:53:36,149: INFO - to: Minder
2019-08-08 12:53:36,154: INFO - from: null
2019-08-08 12:53:36,159: INFO - pModeld: null
2019-08-08 12:53:36,164: INFO - =====
2019-08-08 12:53:36,170: INFO - payloadId: xmlpayload@minder == type: application/xml.
2019-08-08 12:53:36,175: INFO - <min><der>sample</der></min>
2019-08-08 12:53:36,181: INFO - payloadId: custompayload@minder == type: application/octet-stream.
2019-08-08 12:53:36,186: INFO - !! Modify me after submission, if you dare!!
2019-08-08 12:53:36,191: INFO - =====
2019-08-08 12:53:36,196: DEBUG - Assign free vars
2019-08-08 12:53:36,202: INFO - > CALL SLOT NULLADAPTER.NULLSLOT
2019-08-08 12:53:36,207: INFO - < SLOT CALLED NULLADAPTER.NULLSLOT
2019-08-08 12:53:36,212: INFO - < Rivet finished sucessfully
2019-08-08 12:53:36,217: INFO - =====

2019-08-08 12:53:36,223: INFO - > RUN RIVET 5
2019-08-08 12:53:36,228: DEBUG - > Wait For Signal:genericAS4Corner1|8.processNotification(esens.wp6.esensMshBackend.MessageNotification)
2019-08-08 12:53:36,279: DEBUG - < Signal Arrived: genericAS4Corner1|8.processNotification(esens.wp6.esensMshBackend.MessageNotification)
2019-08-08 12:53:36,288: INFO - Corner1 backend NOTIFICATION
2019-08-08 12:53:36,293: INFO - status: Receipt
2019-08-08 12:53:36,298: INFO - messageId: b76b85ae-7716-45ab-a8c8-62f2ae20531c@mindertestbed.org
2019-08-08 12:53:36,303: INFO - shortDescription: null
2019-08-08 12:53:36,308: INFO - description: null
2019-08-08 12:53:36,314: DEBUG - Assign free vars
2019-08-08 12:53:36,319: INFO - > CALL SLOT NULLADAPTER.NULLSLOT
2019-08-08 12:53:36,324: INFO - < SLOT CALLED NULLADAPTER.NULLSLOT
2019-08-08 12:53:36,329: INFO - < Rivet finished sucessfully
2019-08-08 12:53:36,334: INFO - =====

2019-08-08 12:53:36,340: INFO - > RUN RIVET 6
2019-08-08 12:53:36,345: DEBUG - Assign free vars
2019-08-08 12:53:36,350: INFO - > CALL SLOT genericAS4Corner4|8.submitMessage(esens.wp6.esensMshBackend.SubmissionData)
2019-08-08 12:53:36,357: INFO - < SLOT CALLED genericAS4Corner4|8.submitMessage(esens.wp6.esensMshBackend.SubmissionData)
```

2019-08-08 12:53:36,578: INFO - < Rivet finished sucessfully
2019-08-08 12:53:36,583: INFO - -----

2019-08-08 12:53:36,588: INFO - > RUN RIVET 7
2019-08-08 12:53:36,594: DEBUG - > Wait For Signal:as4-adapter[8.messageReceived(byte[])
2019-08-08 12:53:37,666: DEBUG - < Signal Arrived: as4-adapter[8.messageReceived(byte[])
2019-08-08 12:53:37,672: INFO - =====
2019-08-08 12:53:37,677: INFO - C3 AS4 Message ...
2019-08-08 12:53:37,696: INFO - Attachments:
2019-08-08 12:53:37,703: INFO - Attachment ID: <xmllpayload@minder>, MimeType: application/gzip
2019-08-08 12:53:37,708: INFO - Compressed HEX payload: 1F8B08000000000000000000B3C9CDCCB3B349492DB22B4ECC2DC849B5D107B16DF441C2007E6CD3781C000000
2019-08-08 12:53:37,713: INFO - Decompressed Payload: <min><der>sample<der></min>
2019-08-08 12:53:37,718: INFO -
2019-08-08 12:53:37,723: INFO - Attachment ID: <custompayload@minder>, MimeType: application/gzip
2019-08-08 12:53:37,729: INFO - Compressed HEX payload:
1F8B08000000000000000000535454F0CD4FC94CAB54C84D55484C2B492D52282E4DCACD2C2ECECCCCF3D51C84C53A8CC2F5548492C4A555404006FDEED25E2C000000
2019-08-08 12:53:37,734: INFO - Decompressed Payload: !! Modify me after submission, if you dare!!
2019-08-08 12:53:37,739: INFO -
2019-08-08 12:53:37,744: INFO - =====
2019-08-08 12:53:37,751: INFO - SOAP HEADER:
2019-08-08 12:53:37,756: INFO - <?xml version="1.0" encoding="UTF-8"?>
<S12:Header xmlns:S12="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"
xmlns:wsu="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-wssecurity-utility-1.0.xsd"
S12:mustUnderstand="true">
<wsse:BinarySecurityToken EncodingType="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-soap-message-security-1.0#Base64Binary"
ValueType="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-x509-token-profile-1.0#X509v3"
wsu:Id="G351bff3b-15ee-4383-bbce-
686be8057aca">MIIDdzCCA1gAwIBAgIEWYzEPjANBgkqhkiG9w0BAQsFADBBSMQswCQYDVQQGEwJFVTERMA8GA1UECBMlcGhvc3MtYzlxETAPBgNVBACtCHBob3NzLWMyMREw
DwYDVQKKEwhwaG9zcy1jJmJERMA8GA1UECXMlcGhvc3MtYzlxETAPBgNVBAMTCHBob3NzLWMyMREwDwYDVQKKEwhwaG9zcy1jJmJERMA8GA1UECmGhvc3MtYzlxETAPBgNVBAsTCHBob3NzLWMyMREwDwYDVQKKEwhwaG9zcy1jM
jCCASiWdQYJKoZIhvcNAQEBBQADggEPADCCAQoCggEBAlI2bXkvxzZUZyRaMsdJgDqWdQRSCA0fRV7z6eQNJpL6PH7OUOjaErfl/sDz5oHMTT/YbAqk9ZpqiFkb05ZrnNBkaONLC/TMX
q8pcZP2iKyO6p05Y27ZKlpUwVVo8+xttYTk+QGWOAZKEOU3Zw7e7UnL0SpuMzA4pLuSf540ljGzoUBWYR6JPUUaIWbCK7+irDn95F4soCYAggP3jlwalWiJmJHZC4dqNk2S3ev3D5/chxm
EApXBBFFQoXoNk0047XqGL5U2gqNkUOIocCvLw+1CJKAJGZwJfE/IM1i+FsPQ0PbvZ2xJgXJleoY57IplV1Cv8736Q++cekCtDaq93cAweAAaMhMB8wHQYDVR00BBYEFDFWvAD1
9aj0IOrgyeV5lrrkkQyOYMA0GCSqGSIb3DQEBQwUAA4IBAQB+9+cI0fGG3un06F18KdsAcnx+a8Ra0SUQpmYuXBfGwxJUn/7IUANARxoo1KUa1dLRt9GMjJeIPY/hZmtaSptychSuB119rN
aU1lN8rVWkK3mEarwFYBOeNPhvSUBnTJaTdwYUvQeLDXIKJEhcVvHbUjCaRswPGOPUUF7/1L7JBTHStB3RPCi8KDl2KCqzBWVMSb83aURq/-fj84jC1xsQMWF1QqQA0mqRmTNTQ5g
HCkjtT0pKpx88YKWLh-/Vx5yV7nGiIF+gz7OpeFRk1ocU3BZLGYti8GT29j0z9i966ZC5pRknilw7amHlZiUGfPoiWJm3zHu8J9P6m7d/4</wsse:BinarySecurityToken>
<xenc:EncryptedKey xmlns:xenc="http://www.w3.org/2001/04/xmenc#"
Id="EK-912eb910-b008-4bf2-8cd7-9d062e80d4f3">
<xenc:EncryptionMethod Algorithm="http://www.w3.org/2009/xmenc11#rsa-oaep">
<ds:DigestMethod xmlns:ds="http://www.w3.org/2000/09/xmldsig#"
Algorithm="http://www.w3.org/2001/04/xmenc#sha256"/>
<xenc11:MGF xmlns:xenc11="http://www.w3.org/2009/xmenc11#"
Algorithm="http://www.w3.org/2009/xmenc11#mgf1sha256"/>
</xenc:EncryptionMethod>
<ds:KeyInfo xmlns:ds="http://www.w3.org/2000/09/xmldsig#">
<wsse:SecurityTokenReference>
<wsse:Reference URI="#G351bff3b-15ee-4383-bbce-686be8057aca"
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>GB9b2e4g8++7HmK8w+0TiLoOQd3jB9l0S3EMMN0zoaN6g/EAEm3917msy9pBpZFC2mCLq/6jgRIUs7lqW9QfngvB0dkDjVHg5DT0RtZ7Nnei5kHqoOhoqC0+215nhl
HCj0mcDZ8tr5u2XlB7nbpAlY4NP0kkyOthfQrsiegoMztbEP0Dx8gcqhG/hQNKES7AtFpPsRjFM0U5rZ09qXjgO08aNgA8JgXDl/xeiRPSqms/XQ3A8EzmGvXJYgU5tlnUtNci/XG6FHgnx9b
PobxUyZjomt3tJBk6AoeQ0LaP1RjNnDe5uv2TNHufzv9MqYVQMALvK0BYgRLMwh/viCJg==</xenc:CipherValue>
</xenc:CipherData>
<xenc:ReferenceList>
<xenc:DataReference URI="#ED-62666d86-7587-4138-a7be-77305bea197c"/>
<xenc:DataReference URI="#ED-57014df4-d9b6-45bf-93f1-ed6041c0455a"/>
</xenc:ReferenceList>
</xenc:EncryptedKey>
<xenc:EncryptedData xmlns:xenc="http://www.w3.org/2001/04/xmenc#"
Id="ED-57014df4-d9b6-45bf-93f1-ed6041c0455a"
MimeType="application/gzip"
Type="http://docs.oasis-open.org/wss/oasis-wss-SwAProfile-1.1#Attachment-Content-Only">
<xenc:EncryptionMethod Algorithm="http://www.w3.org/2009/xmenc11#aes128-gcm"/>
<ds:KeyInfo xmlns:ds="http://www.w3.org/2000/09/xmldsig#">
<wsse:SecurityTokenReference xmlns:wsse11="http://docs.oasis-open.org/wss/oasis-wss-wssecurity-secext-1.1.xsd"
wsse11:TokenType="http://docs.oasis-open.org/wss/oasis-wss-soap-message-security-1.1#EncryptedKey">
<wsse:Reference URI="#EK-912eb910-b008-4bf2-8cd7-9d062e80d4f3"/>
</wsse:SecurityTokenReference>
</ds:KeyInfo>
<xenc:CipherData>
<xenc:CipherReference URI="cid:custompayload@minder">
<xenc:Transforms>
<ds:Transform xmlns:ds="http://www.w3.org/2000/09/xmldsig#"
Algorithm="http://docs.oasis-open.org/wss/oasis-wss-SwAProfile-1.1#Attachment-Ciphertext-Transform"/>
</xenc:Transforms>
</xenc:CipherReference>
</xenc:CipherData>
</xenc:EncryptedData>
<xenc:EncryptedData xmlns:xenc="http://www.w3.org/2001/04/xmenc#"
Id="ED-62666d86-7587-4138-a7be-77305bea197c"
MimeType="application/gzip"
Type="http://docs.oasis-open.org/wss/oasis-wss-SwAProfile-1.1#Attachment-Content-Only">
<xenc:EncryptionMethod Algorithm="http://www.w3.org/2009/xmenc11#aes128-gcm"/>
<ds:KeyInfo xmlns:ds="http://www.w3.org/2000/09/xmldsig#">
<wsse:SecurityTokenReference xmlns:wsse11="http://docs.oasis-open.org/wss/oasis-wss-wssecurity-secext-1.1.xsd"
wsse11:TokenType="http://docs.oasis-open.org/wss/oasis-wss-soap-message-security-1.1#EncryptedKey">
<wsse:Reference URI="#EK-912eb910-b008-4bf2-8cd7-9d062e80d4f3"/>
</wsse:SecurityTokenReference>
</ds:KeyInfo>
<xenc:CipherData>
<xenc:CipherReference URI="cid:xmllpayload@minder">
<xenc:Transforms>
<ds:Transform xmlns:ds="http://www.w3.org/2000/09/xmldsig#"
Algorithm="http://docs.oasis-open.org/wss/oasis-wss-SwAProfile-1.1#Attachment-Ciphertext-Transform"/>
</xenc:Transforms>
</xenc:CipherReference>
</xenc:CipherData>
</xenc:EncryptedData>
<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="X509-699311aa-2667-40dc-b2df-
7ca293a709f8">MIIDdzCCA1gAwIBAgIEa5bQAjANBgkqhkiG9w0BAQsFADBBSMQswCQYDVQQGEwJFVTERMA8GA1UECBMlcGhvc3MtYzlxETAPBgNVBACtCHBob3NzLWMyMREw

```
DwYDVQKKEwhwaG9zcy1jMzERMA8GA1UECXMicGhvc3MtYzMxETAPBgNVBAMTCHBob3NzLWMzMB4XDTE5MDYwMzE0MzUyMFoXDTE5MDYwMjE0MzUyMFowbDELMAkGA1UEB
hMCRVUxETAPBgNVBAGTCHBob3NzLWMzMRERwDwYDVQKKEwhwaG9zcy1jMzERMA8GA1UEChMicGhvc3MtYzMxETAPBgNVBAsTCHBob3NzLWMzMRERwDwYDVQKKEwhwaG9zc
y1jMzCCASlwcDQyJkoZlzhvNAQEBBQADggEPADCCAQoCggEBAJrgRwo9a7DiX0yH+0ACnX8hUbbtCHluisDeucPI2fnfWh8XorPka5rSIRJb61bU6AC/pNFK3EdtlhPxFs5A
jzJ6c5U8okM36R8jZdry5hfo0tGqRlnTBXNgaE2xqvdrJhiZPHGuNYe7sRgAyd2kfVwRuXAq8uAD23DBG9X1r8dDscSAPnrUx4LF8SlqqwrSbt0OU1fykoADsoDZhxrkVc3oDHEMM
M4kiOb9/GWmFcHAzGSUjY15PG2lJWCRDi4c3AjoMIMWzeWDvUfXpv2doQ1lAua9L3bb1py7DDvAbtvASwLk5QjQfVX0u3Fxo5BkkeloF5TH4n0RmLKOAYcCAwEAAAMhMB8wHQYDVR
0OBByEFPPZzbvaU9/2QALJgMacKtSgdSxG/MAOGCSqGSib3DQEBECwUAA4IBAQBHGwsgC7vPMYru8b4Cgv3E3YeXIUPDYn3jOBDZJevBhSIFPjdZ7IbP1EGcB8yIXD0d6/atwTbiX2+
P+od3q+4/ZuB2ktGJSdr51lQrM/DhaJo/3GL7GcmSASWG3YjffX1/Yu6Voga/sZYmflVrnatHuD1YG4c6Zbf5P3vw0xVHNTtTfDB8Zp9mKPKPJ3m2sOFii2JODzAgoTf/GeZaXHPVU58bQ+
KiZ8EvZvPoPiXty4aUlxd4dILSEGHdQpf06vVLBYM43DUwFob4i9l/yibn6iZKdAc3GSZDKZsvTmbUe2QNs+Mqp3VrPl3fMU9ig182UqiDHCmGx1/7haJi+</wsse:BinarySecurityToken>
<ds:Signature xmlns:ds="http://www.w3.org/2000/09/xmldsig#"
Id="SIG-5433c7bd-93ca-49cd-b423-58fee2ce23a7">
<ds:SignedInfo>
<ds:CanonicalizationMethod Algorithm="http://www.w3.org/2001/10/xml-exc-c14n#">
<ec:InclusiveNamespaces xmlns:ec="http://www.w3.org/2001/10/xml-exc-c14n#" PrefixList="S12"/>
</ds:CanonicalizationMethod>
<ds:SignatureMethod Algorithm="http://www.w3.org/2001/04/xmldsig-more#rsa-sha256"/>
<ds:Reference URI="#phase4-msg-5addd6ae-96c8-419d-a00d-3306ad655e6f">
<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>dP9ov5Lu1Q8oKsfjhrfBKKZjTMHfRCjahDnRwysIA=</ds:DigestValue>
</ds:Reference>
<ds:Reference URI="#id-47e50ef6-cc3b-4d4e-9d64-68b0f6643f34">
<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>PngWwT63EtEGljq8bDpaHcS+bP14VJ7wIFEgw78hKao=</ds:DigestValue>
</ds:Reference>
<ds:Reference URI="cid:xmldata@minder">
<ds:Transforms>
<ds:Transform Algorithm="http://docs.oasis-open.org/wss/oasis-wss-SwAProfile-1.1#Attachment-Content-Signature-Transform"/>
</ds:Transforms>
<ds:DigestMethod Algorithm="http://www.w3.org/2001/04/xmenc#sha256"/>
<ds:DigestValue>yqDt8JU9CgV+e+tbUO3wVjI811CUMDvel8LpSj14o=</ds:DigestValue>
</ds:Reference>
<ds:Reference URI="cid:custompayload@minder">
<ds:Transforms>
<ds:Transform Algorithm="http://docs.oasis-open.org/wss/oasis-wss-SwAProfile-1.1#Attachment-Content-Signature-Transform"/>
</ds:Transforms>
<ds:DigestMethod Algorithm="http://www.w3.org/2001/04/xmenc#sha256"/>
<ds:DigestValue>r7CJBov5qfQij53dkc1t13rbaTa3dKkqkCR5ankrf0=</ds:DigestValue>
</ds:Reference>
</ds:SignedInfo>
<ds:SignatureValue>aWKmUvGuYqdGxS9+dl7C72uplS0dk7vz1CWnalb1RQIdkFRC7hBN9CuGgYC2PRPc4ZFQKi2zlu4baLWpRnpEJS+/ar0n8DRZNivv4iilCivSllwkaXSfS5D18Yf4lvAxt
PhLMlKziuzZaYtIQCGb8jLXEKj8pnlauIAHQD8a56niMpy3Nq82BbPMNPPzRvtzdlbJDP6z8vmef7xuT2ewVK4+UYRfNbylq61mFSFwHguGUPeICD1hnlUJoOsiU+xfuYqGkiSDK0Zgk5/3XC
H+X9TumZOBYTmQxK5xvuz0BS2eaxDmhnw7tFdRZ53cibMLZwe9SyRkDTIEcQrfSyOxYA=</ds:SignatureValue>
<ds:KeyInfo Id="KI-8f9a0ca9-958e-4d38-a0db-430731ba352d">
<wsse:SecurityTokenReference wsu:Id="STR-ed1e9c7d-a724-407b-a9d9-1ef6dc01d41e">
<wsse:Reference URI="#X509-699311aa-2667-40dc-b2df-7ca293a709f8"
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:S11="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:ebbp="http://docs.oasis-open.org/ebxml-bp/ebbp-signals-2.0"
xmlns:wsu="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-wssecurity-utility-1.0.xsd"
xmlns:ds="http://www.w3.org/2000/09/xmldsig#"
xmlns:xlink="http://www.w3.org/1999/xlink"
S12:mustUnderstand="true"
wsu:Id="phase4-msg-5addd6ae-96c8-419d-a00d-3306ad655e6f">
<eb:UserMessage>
<eb:MessageInfo>
<eb:Timestamp>2019-08-08T12:53:42.528</eb:Timestamp>
<eb:MessageId>26f858e0-b96b-4c94-8344-a9c3bcf226f2@mindentestbed.org</eb:MessageId>
<eb:RefToMessageId>b76b85ae-7716-45ab-a8c8-62f2ae20531c@mindentestbed.org</eb:RefToMessageId>
</eb:MessageInfo>
<eb:PartyInfo>
<eb:From>
<eb:PartyId>phoss-c3</eb:PartyId>
<eb:Role>http://www.esens.eu/as4/conformancetest/sut</eb:Role>
</eb:From>
<eb:To>
<eb:PartyId>phoss-c2</eb:PartyId>
<eb:Role>http://docs.oasis-open.org/ebxml-msg/ebms/v3.0/ns/core/200704/initiator</eb:Role>
</eb:To>
</eb:PartyInfo>
<eb:CollaborationInfo>
<eb:AgreementRef pmode="phoss-c3-phoss-c2">urn:as4:agreement</eb:AgreementRef>
<eb:Service>SRV_SIMPLE_TWOWAY</eb:Service>
<eb:Action>ACT_SIMPLE_TWOWAY</eb:Action>
<eb:ConversationId>746864</eb:ConversationId>
</eb:CollaborationInfo>
<eb:MessageProperties>
<eb:Property name="originalSender">C4</eb:Property>
<eb:Property name="finalRecipient">C1</eb:Property>
</eb:MessageProperties>
<eb:PayloadInfo>
<eb:PartInfo href="cid:xmldata@minder">
<eb:PartProperties>
<eb:Property name="MimeType">application/xml</eb:Property>
<eb:Property name="CharacterSet">ISO-8859-1</eb:Property>
<eb:Property name="CompressionType">application/gzip</eb:Property>
</eb:PartProperties>
</eb:PartInfo>
<eb:PartInfo href="cid:custompayload@minder">
<eb:PartProperties>
<eb:Property name="MimeType">application/octet-stream</eb:Property>
<eb:Property name="CharacterSet">ISO-8859-1</eb:Property>
<eb:Property name="CompressionType">application/gzip</eb:Property>
</eb:PartProperties>
</eb:PartInfo>
</eb:PayloadInfo>
```

```
</eb:UserMessage>
</eb:Messaging>
</S12:Header>
2019-08-08 12:53:37,762: INFO - =====
2019-08-08 12:53:37,767: DEBUG - Assign free vars
2019-08-08 12:53:37,772: INFO - > CALL SLOT as4-adapter[8.sendMessage(byte[])]
2019-08-08 12:53:37,903: INFO - < SLOT CALLED as4-adapter[8.sendMessage(byte[])]
2019-08-08 12:53:37,908: INFO - < Rivet finished sucessfully
2019-08-08 12:53:37,913: INFO - -----

2019-08-08 12:53:37,918: INFO - > RUN RIVET 8
2019-08-08 12:53:37,924: DEBUG - > Wait For Signal:as4-adapter[8.replyReceived(byte[])]
2019-08-08 12:53:37,929: DEBUG - < Signal Arrived: as4-adapter[8.replyReceived(byte[])]
2019-08-08 12:53:37,936: INFO - =====
2019-08-08 12:53:37,941: INFO - RECEIPT:
2019-08-08 12:53:37,946: INFO - <?xml version="1.0" encoding="UTF-8"?>
<S12:Header xmlns:S12="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"
    xmlns:wsu="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-wssecurity-utility-1.0.xsd"
    S12:mustUnderstand="true">
    <wsse:BinarySecurityToken EncodingType="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-soap-message-security-1.0#Base64Binary"
      ValueType="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-x509-token-profile-1.0#X509v3"
      wsu:Id="X509-0b7f3d7e-0a18-4dd8-9929-df705873c4e7">MIIDdzCCAAlgAwIBAgIEWYZEPJANBgkqhkiG9w0BAQsFAADBsMQswCQYDVQQGEwJFVTERMA8GA1UECBMicGhvc3MtYzlxETAPBgNVBACtCHBob3NzLWMyMREw
      DwYDVQKEwHwG9zcy1jMjERMA8GA1UECXMicGhvc3MtYzlxETAPBgNVBAMTCHBob3NzLWMyMREwDwYDVQQHEWhwaG9zcy1jMjERMA8GA1UEChMicGhvc3MtYzlxETAPBgNVBAsTCHBob3NzLWMyMREwDwYDVQQDEWhwaG9zcy1jM
      jCCASiWdQYJKoZIhvcNAQEBBQADggEPADCCAQoCggEBAlI2bXkvxzZUZyRaMsdJqDqWdQqRSCAOfRV7z6eQNJpL6PH7OUOjaErfl/sDz5oHMTT/YbAqkZpqiFkb05ZrnNBkaONLC/TMX
      q8pcZP2IKyO6p05Y27ZKlpuWVo8+xttYTk+QGWOAZkEOU3Zw7e7UnLOSpuMzA4pLuSf540ljGzoUBWYR6JPUUaIWbCK7+irDN95F4soCYAggP3jlwaiWiJmJHZC4dqNk2S3ev3D5/chxm
      EApXBBFFQoXoNk0047XqGL5U2gqNkNWUIOeCvLw+1CJKAAGCJzwfE/IM1i+FsPQ0PbvZ2xJgXJleoZY57lPlV1Cv8736Q++cekCtDaq93cCAwEAaMhMB8wHQYDVDR00BBYEFDWvAD1
      9aj0iOrgyeV5lrkkQyOYMA0GCsQGSib3DQEBcwUAA4IBAQB+9+ci0fGG3un06F8KdsAcnx+a8Ra0SUQpmYuXBfGwxJUn7IUANARxoo1KUa1dLYRt9GMjJelP Y/hZmtaSptychSuB1I9N
      aU1IN8rVWkk3mEarwFYBOeNPhvSUBnTJaTdwYUyQeLDXIKJehcVvHbUICARswPGOPUUF7/1L7JBTHStB3RPCi8kDi2kCQzBWVMSb83aURq/+fj84jC1xsQMWF1QQxA0mqRmTNTQ5g
      HCkjtTfOpKpx88YKWLh+/Vx5yV7nGiIF+gz7OpeFRkq1ocU3BZLGYti8GT29j0z9i966ZC5pRknilvw7amHlIZUGfPoiWJm3zHu8J9P6m7d/4</wsse:BinarySecurityToken>
    <ds:Signature xmlns:ds="http://www.w3.org/2000/09/xmldsig#"
      Id="SIG-fe1f2097-eb7d-4099-aeb2-a494c0ebf4a5">
    <ds:SignedInfo>
    <ds:CanonicalizationMethod Algorithm="http://www.w3.org/2001/10/xml-exc-c14n#">
    <ec:InclusiveNamespaces xmlns:ec="http://www.w3.org/2001/10/xml-exc-c14n#" PrefixList="S12"/>
    </ds:CanonicalizationMethod>
    <ds:SignatureMethod Algorithm="http://www.w3.org/2001/04/xmldsig-more#rsa-sha256"/>
    <ds:Reference URI="#phase4-msg-5e6e5680-dc54-4747-8cc7-a3bab706a657">
    <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>PRwZR+VtNBv5W8yLi5fkNpXL2HbUcmFL1JLafnM7VLU=</ds:DigestValue>
    </ds:Reference>
    <ds:Reference URI="#id-5fc8a771-eccd-44ea-b8b1-b7820de84df1">
    <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>FzPkV3X6dUbMZIFc0/Of1p6pkGmbZE0o52Hk2hjlg=</ds:DigestValue>
    </ds:Reference>
    </ds:SignedInfo>
    <ds:SignatureValue>XQd28TdqfMpdMnIBIJoKYEh+Xt2l8J857DbATMcZ3h+5nSXxF64aXDqppHgqBw9cLC9leVJUPMU3tQRQxvWuT4PrdPZKQpRjQk6ZZNmYyRp6qbR1mznCLUuXw
      eeQe/5+xo5IFl+mKd+Z2RFgPnPLFsMQNfN9NudWRUQp417aHir/Pe95K2iH3X3mwsdMPic2aejjyJel9aHvmNcWkffKbaA1ykbbc1k3+FM3Wa1rPC0Vc9Zi8Ybivb3AuVD/abNE4f5rtmT+VGH
      XjawsWESxJ1Ci7Nu1F929f4f+hu6s2lSYAy+ehSwKf0qCYYIO8C33LTFUBLJNSqgkv81fw==</ds:SignatureValue>
    <ds:KeyInfo Id="KI-626fb961-54bc-4546-8ac8-d680cb755db3">
    <wsse:SecurityTokenReference wsu:Id="STR-140d8815-c2f5-42b2-8178-e498eb504e66">
    <wsse:Reference URI="#X509-0b7f3d7e-0a18-4dd8-9929-df705873c4e7"
      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>
</S12:Header>
<eb:Messaging xmlns:eb="http://docs.oasis-open.org/ebxml-msg/ebms/v3.0/ns/core/200704/"
  xmlns:S11="http://schemas.xmlsoap.org/soap/envelope/"
  xmlns:ebbp="http://docs.oasis-open.org/ebxml-bp/ebbp-signals-2.0"
  xmlns:wsu="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-wssecurity-utility-1.0.xsd"
  xmlns:ds="http://www.w3.org/2000/09/xmldsig#"
  xmlns:xlink="http://www.w3.org/1999/xlink"
  S12:mustUnderstand="true"
  wsu:Id="phase4-msg-5e6e5680-dc54-4747-8cc7-a3bab706a657">
  <eb:SignalMessage>
  <eb:MessageInfo>
  <eb:Timestamp>2019-08-08T12:53:42.952</eb:Timestamp>
  <eb:MessageId>cab64c27-b5f0-4543-9b00-b132c4abc9b5@phase4</eb:MessageId>
  <eb:RefToMessageId>26f858e0-b96b-4c94-8344-a9c3bcf226f2@mindentestbed.org</eb:RefToMessageId>
  </eb:MessageInfo>
  <eb:Receipt>
  <ebbp:NonRepudiationInformation>
  <ebbp:MessagePartNRInformation>
  <ds:Reference URI="#phase4-msg-5add6ae-96c8-419d-a00d-3306ad655e6f">
  <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>dP9ov5Lu1Q8oKSfjhrfBKKZJTMHfRCjahDnRwAysIA=</ds:DigestValue>
  </ds:Reference>
  </ebbp:MessagePartNRInformation>
  <ebbp:MessagePartNRInformation>
  <ds:Reference URI="#id-47e50ef6-cc3b-4d4e-9d64-68b0f6643f34">
  <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>PngWwT63EtEGljq8bDpaHcS+bP14VJ7wIFEgw78hKao=</ds:DigestValue>
  </ds:Reference>
  </ebbp:MessagePartNRInformation>
  <ebbp:MessagePartNRInformation>
  <ds:Reference URI="cid:xmldata@minder">
  <ds:Transforms>
  <ds:Transform Algorithm="http://docs.oasis-open.org/wss/oasis-wss-SwAProfile-1.1#Attachment-Content-Signature-Transform"/>
  </ds:Transforms>
  <ds:DigestMethod Algorithm="http://www.w3.org/2001/04/xmenc#sha256"/>
```



```
<ds:DigestValue>yqDt8JU9CgV+e+tbfUO3wVj/I811CUMDveI8LpSJ14o=</ds:DigestValue>
</ds:Reference>
</ebbp:MessagePartNRInformation>
<ebbp:MessagePartNRInformation>
<ds:Reference URL="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/xmlenc#sha256"/>
<ds:DigestValue>r7CBJbov5qfQij53dkc1t13rbaTa3dKkqkCR5ankrf0=</ds:DigestValue>
</ds:Reference>
</ebbp:MessagePartNRInformation>
</ebbp:NonRepudiationInformation>
</eb:Receipt>
</eb:SignalMessage>
</eb:Messaging>
</S12:Header>
2019-08-08 12:53:37,952: INFO - =====
2019-08-08 12:53:37,957: DEBUG - Assign free vars
2019-08-08 12:53:37,962: INFO - > CALL SLOT as4-adapter|8.sendResponse(byte[])
2019-08-08 12:53:37,968: INFO - < SLOT CALLED as4-adapter|8.sendResponse(byte[])
2019-08-08 12:53:37,974: INFO - < Rivet finished sucessfully
2019-08-08 12:53:37,979: INFO - -----

2019-08-08 12:53:37,984: INFO - > RUN RIVET 9
2019-08-08 12:53:37,990: DEBUG - > Wait For Signal:genericAS4Corner1|8.receiveMessage(esens.wp6.esensMshBackend.SubmissionData)
2019-08-08 12:53:39,104: DEBUG - < Signal Arrived: genericAS4Corner1|8.receiveMessage(esens.wp6.esensMshBackend.SubmissionData)
2019-08-08 12:53:39,114: INFO - =====
2019-08-08 12:53:39,119: INFO - Corner1 Received Payloads:
2019-08-08 12:53:39,124: INFO - Data
2019-08-08 12:53:39,129: INFO - originalSender: C4
2019-08-08 12:53:39,134: INFO - finalRecipient: C1
2019-08-08 12:53:39,140: INFO - refToMessageId: null
2019-08-08 12:53:39,145: INFO - conversationId: 746864
2019-08-08 12:53:39,150: INFO - messageId: 26f858e0-b96b-4c94-8344-a9c3bcf226f2@mindertestbed.org
2019-08-08 12:53:39,155: INFO - to: Minder
2019-08-08 12:53:39,161: INFO - from: null
2019-08-08 12:53:39,166: INFO - pModelId: null
2019-08-08 12:53:39,171: INFO - =====
2019-08-08 12:53:39,177: INFO - payloadId: xmlpayload@minder == type: application/xml.
2019-08-08 12:53:39,182: INFO - <min><der>sample</der></min>
2019-08-08 12:53:39,188: INFO - payloadId: custompayload@minder == type: application/octet-stream.
2019-08-08 12:53:39,193: INFO - !! Modify me after submission, if you dare!!
2019-08-08 12:53:39,198: INFO - =====
2019-08-08 12:53:39,203: DEBUG - Assign free vars
2019-08-08 12:53:39,208: INFO - > CALL SLOT NULLADAPTER.NULLSLOT
2019-08-08 12:53:39,214: INFO - < SLOT CALLED NULLADAPTER.NULLSLOT
2019-08-08 12:53:39,219: INFO - < Rivet finished sucessfully
2019-08-08 12:53:39,224: INFO - -----

2019-08-08 12:53:39,229: INFO - > RUN RIVET 10
2019-08-08 12:53:39,235: DEBUG - > Wait For Signal:genericAS4Corner4|8.processNotification(esens.wp6.esensMshBackend.MessageNotification)
2019-08-08 12:53:39,264: DEBUG - < Signal Arrived: genericAS4Corner4|8.processNotification(esens.wp6.esensMshBackend.MessageNotification)
2019-08-08 12:53:39,272: INFO - Corner4 backend NOTIFICATION
2019-08-08 12:53:39,278: INFO - status: Receipt
2019-08-08 12:53:39,283: INFO - messageId: 26f858e0-b96b-4c94-8344-a9c3bcf226f2@mindertestbed.org
2019-08-08 12:53:39,288: INFO - shortDescription: null
2019-08-08 12:53:39,293: INFO - description: null
2019-08-08 12:53:39,298: DEBUG - Assign free vars
2019-08-08 12:53:39,303: INFO - > CALL SLOT NULLADAPTER.NULLSLOT
2019-08-08 12:53:39,309: INFO - < SLOT CALLED NULLADAPTER.NULLSLOT
2019-08-08 12:53:39,314: INFO - < Rivet finished sucessfully
2019-08-08 12:53:39,319: INFO - -----

2019-08-08 12:53:39,324: INFO - Test #29770 Finished
```

Test Report - AS4_CP_TA15

Overview

Test Group:	AS4 Common Profile Test Assertions
Test Assertion:	AS4_CP_TA15
Test Case:	AS4_CP_TA15_TC01
User:	ROOT
Date:	2019.08.08 12:53:40
System(s) Tested:	1- Phase4

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

Test Assertion Details

TAID:	AS4_CP_TA15
Target:	Message reliability
Normative Source:	[eDelivery-AS4] "If no AS4 Receipt is returned by the Receiving MSH to the Sending MSH for a message, an EBMS:0301, MissingReceipt, Reception Awareness error MUST be generated for the message in the Sending MSH. This error MUST be reported to the Producer, because the parameter PMode[].ErrorHandling.Report.MissingReceiptNotifyProducer is set to true."
Prescription Level:	Mandatory
Prerequisite:	• AS4_CP_TA09. • TIME_OUT for resending the messages is reached.
Predicate:	The SSMH reports an EBMS:0301, MissingReceipt, Reception Awareness error to the producer.
Variables:	TIME_OUT: deadline (in terms of time or number of retries) allocated for resending messages.
Tag:	Reception Awareness

Log

```
2019-08-08 12:53:41,685: INFO - Minder version v2.3.0
2019-08-08 12:53:41,690: INFO - Start Test
2019-08-08 12:53:41,695: INFO - Initialize test case
2019-08-08 12:53:41,706: DEBUG - Parameters
2019-08-08 12:53:41,711: DEBUG - Corner2:phoss-c2
Corner3:phoss-c3
2019-08-08 12:53:41,716: INFO - > Initialize the Adapters
2019-08-08 12:53:41,721: INFO - Call start test on NULLADAPTER
2019-08-08 12:53:41,726: INFO - Obtain SUT Identifiers from NULLADAPTER
2019-08-08 12:53:41,732: INFO - Call start test on as4-adapter
2019-08-08 12:53:41,738: INFO - Obtain SUT Identifiers from as4-adapter
2019-08-08 12:53:41,744: INFO - System Under Test: Phase4
2019-08-08 12:53:41,749: INFO - System Under Test: Phase4
2019-08-08 12:53:41,754: INFO - Call start test on genericAS4Corner1
2019-08-08 12:53:41,760: INFO - Obtain SUT Identifiers from genericAS4Corner1
2019-08-08 12:53:41,766: INFO - > RUN RIVET 0
2019-08-08 12:53:41,771: DEBUG - Assign free vars
2019-08-08 12:53:41,776: INFO - =====
2019-08-08 12:53:41,782: INFO - Corner 2 phoss-c2
2019-08-08 12:53:41,787: INFO - Corner 3 phoss-c3
2019-08-08 12:53:41,793: INFO - =====
2019-08-08 12:53:41,820: INFO - > CALL SLOT NULLADAPTER.NULLSLOT
2019-08-08 12:53:41,826: INFO - < SLOT CALLED NULLADAPTER.NULLSLOT
2019-08-08 12:53:41,831: INFO - < Rivet finished sucessfully
2019-08-08 12:53:41,836: INFO - -----

2019-08-08 12:53:41,841: INFO - > RUN RIVET 1
2019-08-08 12:53:41,846: DEBUG - Assign free vars
2019-08-08 12:53:41,852: INFO - > CALL SLOT genericAS4Corner1|8.submitMessage(esens.wp6.esensMshBackend.SubmissionData)
2019-08-08 12:53:42,066: INFO - < SLOT CALLED genericAS4Corner1|8.submitMessage(esens.wp6.esensMshBackend.SubmissionData)
2019-08-08 12:53:42,071: INFO - < Rivet finished sucessfully
2019-08-08 12:53:42,076: INFO - -----

2019-08-08 12:53:42,082: INFO - > RUN RIVET 2
2019-08-08 12:53:42,087: DEBUG - > Wait For Signal:as4-adapter|8.messageReceived(byte[])
2019-08-08 12:53:43,109: DEBUG - < Signal Arrived: as4-adapter|8.messageReceived(byte[])
2019-08-08 12:53:43,115: INFO - =====
2019-08-08 12:53:43,120: INFO - Received message #1 from C2
2019-08-08 12:53:43,126: INFO - =====
2019-08-08 12:53:43,131: INFO - C2 AS4 Message:
2019-08-08 12:53:43,138: INFO - <?xml version="1.0" encoding="UTF-8"?>
<eb:Messaging xmlns:eb="http://docs.oasis-open.org/ebxml-msg/ebms/v3.0/ns/core/200704/"
xmlns:S11="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:ebbp="http://docs.oasis-open.org/ebxml-bp/ebbp-signals-2.0"
xmlns:S12="http://www.w3.org/2003/05/soap-envelope"
xmlns:wsu="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-wssecurity-utility-1.0.xsd"
xmlns:ds="http://www.w3.org/2000/09/xmldsig#"
xmlns:xlink="http://www.w3.org/1999/xlink"
S12:mustUnderstand="true"
wsu:Id="phase4-msg-7c84af66-4988-4798-810b-2fd34d7193c7">
<eb:UserMessage>
<eb:MessageInfo>
<eb:Timestamp>2019-08-08T12:53:48.001</eb:Timestamp>
<eb:MessageId>21201ca6-9334-4a64-b6d0-405d318a6787@mindertestbed.org</eb:MessageId>
</eb:MessageInfo>
<eb:PartyInfo>
<eb:From>
<eb:PartyId>phoss-c2</eb:PartyId>
<eb:Role>http://www.esens.eu/as4/conformancetest/sut</eb:Role>
</eb:From>
<eb:To>
<eb:PartyId>phoss-c3</eb:PartyId>
<eb:Role>http://docs.oasis-open.org/ebxml-msg/ebms/v3.0/ns/core/200704/responder</eb:Role>
</eb:To>
</eb:PartyInfo>
<eb:CollaborationInfo>
<eb:AgreementRef pmode="phoss-c2-phoss-c3">urn:as4:agreement</eb:AgreementRef>
<eb:Service>SRV_ONEWAY_RETRY</eb:Service>
<eb:Action>ACT_ONEWAY_RETRY</eb:Action>
<eb:ConversationId>676623</eb:ConversationId>
</eb:CollaborationInfo>
<eb:MessageProperties>
<eb:Property name="originalSender">C1</eb:Property>
<eb:Property name="finalRecipient">C4</eb:Property>
</eb:MessageProperties>
<eb:PayloadInfo>
<eb:PartInfo href="cid:xmlpayload@minder">
<eb:PartProperties>
<eb:Property name="MimeType">application/xml</eb:Property>
<eb:Property name="CharacterSet">ISO-8859-1</eb:Property>
<eb:Property name="CompressionType">application/gzip</eb:Property>
</eb:PartProperties>
</eb:PartInfo>
</eb:PayloadInfo>
</eb:UserMessage>
</eb:Messaging>
2019-08-08 12:53:43,144: INFO - =====
2019-08-08 12:53:43,150: INFO - AS4 message id: 21201ca6-9334-4a64-b6d0-405d318a6787@mindertestbed.org
2019-08-08 12:53:43,155: INFO - =====
2019-08-08 12:53:43,160: DEBUG - Assign free vars
2019-08-08 12:53:43,165: INFO - > CALL SLOT NULLADAPTER.NULLSLOT
2019-08-08 12:53:43,171: INFO - < SLOT CALLED NULLADAPTER.NULLSLOT
2019-08-08 12:53:43,176: INFO - < Rivet finished sucessfully
2019-08-08 12:53:43,181: INFO - -----

2019-08-08 12:53:43,186: INFO - > RUN RIVET 3
2019-08-08 12:53:43,191: DEBUG - Assign free vars
2019-08-08 12:53:43,196: INFO - > CALL SLOT as4-adapter|8.sendResponse(byte[])
2019-08-08 12:53:43,203: INFO - < SLOT CALLED as4-adapter|8.sendResponse(byte[])
```

2019-08-08 12:53:43,208: INFO - < Rivet finished sucessfully
2019-08-08 12:53:43,213: INFO - -----

2019-08-08 12:53:43,219: INFO - > RUN RIVET 4
2019-08-08 12:53:43,224: DEBUG - > Wait For Signal:as4-adapter|8.messageReceived(byte[])
2019-08-08 12:53:53,456: DEBUG - < Signal Arrived: as4-adapter|8.messageReceived(byte[])
2019-08-08 12:53:53,462: INFO - =====
2019-08-08 12:53:53,467: INFO - Received message #2 from C2
2019-08-08 12:53:53,473: INFO - =====
2019-08-08 12:53:53,478: INFO - C2 AS4 Message:
2019-08-08 12:53:53,485: INFO - <?xml version="1.0" encoding="UTF-8"?>
<eb:Messaging xmlns:eb="http://docs.oasis-open.org/ebxml-msg/ebms/v3.0/ns/core/200704/"
xmlns:S11="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:ebbp="http://docs.oasis-open.org/ebxml-bp/ebbp-signals-2.0"
xmlns:S12="http://www.w3.org/2003/05/soap-envelope"
xmlns:wsu="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-wssecurity-utility-1.0.xsd"
xmlns:ds="http://www.w3.org/2000/09/xmldsig#"
xmlns:xlink="http://www.w3.org/1999/xlink"
S12:mustUnderstand="true"
wsu:Id="phase4-msg-7c84af66-4988-4798-810b-2fd34d7193c7">
<eb:UserMessage>
<eb:MessageInfo>
<eb:Timestamp>2019-08-08T12:53:48.001</eb:Timestamp>
<eb:MessageId>21201ca6-9334-4a64-b6d0-405d318a6787@mindentestbed.org</eb:MessageId>
</eb:MessageInfo>
<eb:PartyInfo>
<eb:From>
<eb:PartyId>phoss-c2</eb:PartyId>
<eb:Role>http://www.esens.eu/as4/conformancetest/sut</eb:Role>
</eb:From>
<eb:To>
<eb:PartyId>phoss-c3</eb:PartyId>
<eb:Role>http://docs.oasis-open.org/ebxml-msg/ebms/v3.0/ns/core/200704/responder</eb:Role>
</eb:To>
</eb:PartyInfo>
<eb:CollaborationInfo>
<eb:AgreementRef pmode="phoss-c2-phoss-c3">urn:as4:agreement</eb:AgreementRef>
<eb:Service>SRV_ONEWAY_RETRY</eb:Service>
<eb:Action>ACT_ONEWAY_RETRY</eb:Action>
<eb:ConversationId>676623</eb:ConversationId>
</eb:CollaborationInfo>
<eb:MessageProperties>
<eb:Property name="originalSender">C1</eb:Property>
<eb:Property name="finalRecipient">C4</eb:Property>
</eb:MessageProperties>
<eb:PayloadInfo>
<eb:PartInfo href="cid:xmlpayload@minder">
<eb:PartProperties>
<eb:Property name="MimeType">application/xml</eb:Property>
<eb:Property name="CharacterSet">ISO-8859-1</eb:Property>
<eb:Property name="CompressionType">application/gzip</eb:Property>
</eb:PartProperties>
</eb:PartInfo>
</eb:PayloadInfo>
</eb:UserMessage>
</eb:Messaging>
2019-08-08 12:53:53,490: INFO - =====
2019-08-08 12:53:53,495: INFO - AS4 message id: 21201ca6-9334-4a64-b6d0-405d318a6787@mindentestbed.org
2019-08-08 12:53:53,501: INFO - =====
2019-08-08 12:53:53,506: DEBUG - Assign free vars
2019-08-08 12:53:53,511: INFO - > CALL SLOT NULLADAPTER.NULLSLOT
2019-08-08 12:53:53,516: INFO - < SLOT CALLED NULLADAPTER.NULLSLOT
2019-08-08 12:53:53,521: INFO - < Rivet finished sucessfully
2019-08-08 12:53:53,527: INFO - -----

2019-08-08 12:53:53,532: INFO - > RUN RIVET 5
2019-08-08 12:53:53,537: DEBUG - Assign free vars
2019-08-08 12:53:53,542: INFO - > CALL SLOT as4-adapter|8.sendResponse(byte[])
2019-08-08 12:53:53,548: INFO - < SLOT CALLED as4-adapter|8.sendResponse(byte[])
2019-08-08 12:53:53,553: INFO - < Rivet finished sucessfully
2019-08-08 12:53:53,558: INFO - -----

2019-08-08 12:53:53,564: INFO - > RUN RIVET 6
2019-08-08 12:53:53,569: DEBUG - > Wait For Signal:as4-adapter|8.messageReceived(byte[])
2019-08-08 12:54:03,848: DEBUG - < Signal Arrived: as4-adapter|8.messageReceived(byte[])
2019-08-08 12:54:03,854: INFO - =====
2019-08-08 12:54:03,859: INFO - Received message #3 from C2
2019-08-08 12:54:03,864: INFO - =====
2019-08-08 12:54:03,870: INFO - C2 AS4 Message:
2019-08-08 12:54:03,877: INFO - <?xml version="1.0" encoding="UTF-8"?>
<eb:Messaging xmlns:eb="http://docs.oasis-open.org/ebxml-msg/ebms/v3.0/ns/core/200704/"
xmlns:S11="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:ebbp="http://docs.oasis-open.org/ebxml-bp/ebbp-signals-2.0"
xmlns:S12="http://www.w3.org/2003/05/soap-envelope"
xmlns:wsu="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-wssecurity-utility-1.0.xsd"
xmlns:ds="http://www.w3.org/2000/09/xmldsig#"
xmlns:xlink="http://www.w3.org/1999/xlink"
S12:mustUnderstand="true"
wsu:Id="phase4-msg-7c84af66-4988-4798-810b-2fd34d7193c7">
<eb:UserMessage>
<eb:MessageInfo>
<eb:Timestamp>2019-08-08T12:53:48.001</eb:Timestamp>
<eb:MessageId>21201ca6-9334-4a64-b6d0-405d318a6787@mindentestbed.org</eb:MessageId>
</eb:MessageInfo>
<eb:PartyInfo>
<eb:From>
<eb:PartyId>phoss-c2</eb:PartyId>
<eb:Role>http://www.esens.eu/as4/conformancetest/sut</eb:Role>
</eb:From>
<eb:To>
<eb:PartyId>phoss-c3</eb:PartyId>
<eb:Role>http://docs.oasis-open.org/ebxml-msg/ebms/v3.0/ns/core/200704/responder</eb:Role>
</eb:To>
</eb:PartyInfo>
<eb:CollaborationInfo>

```
<eb:AgreementRef pmode="phoss-c2-phoss-c3">urn:as4:agreement</eb:AgreementRef>
<eb:Service>SRV_ONEWAY_RETRY</eb:Service>
<eb:Action>ACT_ONEWAY_RETRY</eb:Action>
<eb:ConversationId>676623</eb:ConversationId>
</eb:CollaborationInfo>
<eb:MessageProperties>
<eb:Property name="originalSender">C1</eb:Property>
<eb:Property name="finalRecipient">C4</eb:Property>
</eb:MessageProperties>
<eb:PayloadInfo>
<eb:PartInfo href="cid:xmlpayload@minder">
<eb:PartProperties>
<eb:Property name="MimeType">application/xml</eb:Property>
<eb:Property name="CharacterSet">ISO-8859-1</eb:Property>
<eb:Property name="CompressionType">application/gzip</eb:Property>
</eb:PartProperties>
</eb:PartInfo>
</eb:PayloadInfo>
</eb:UserMessage>
</eb:Messaging>
2019-08-08 12:54:03,882: INFO - =====
2019-08-08 12:54:03,887: INFO - AS4 message id: 21201ca6-9334-4a64-b6d0-405d318a6787@mindertestbed.org
2019-08-08 12:54:03,893: INFO - =====
2019-08-08 12:54:03,898: DEBUG - Assign free vars
2019-08-08 12:54:03,903: INFO - > CALL SLOT NULLADAPTER.NULLSLOT
2019-08-08 12:54:03,909: INFO - < SLOT CALLED NULLADAPTER.NULLSLOT
2019-08-08 12:54:03,914: INFO - < Rivet finished sucessfully
2019-08-08 12:54:03,919: INFO - -----

2019-08-08 12:54:03,925: INFO - > RUN RIVET 7
2019-08-08 12:54:03,930: DEBUG - Assign free vars
2019-08-08 12:54:03,935: INFO - > CALL SLOT as4-adapter|8.sendResponse(byte[])
2019-08-08 12:54:03,941: INFO - < SLOT CALLED as4-adapter|8.sendResponse(byte[])
2019-08-08 12:54:03,946: INFO - < Rivet finished sucessfully
2019-08-08 12:54:03,951: INFO - -----

2019-08-08 12:54:03,956: INFO - > RUN RIVET 8
2019-08-08 12:54:03,962: DEBUG - > Wait For Signal:as4-adapter|8.messageReceived(byte[])
2019-08-08 12:54:14,203: DEBUG - < Signal Arrived: as4-adapter|8.messageReceived(byte[])
2019-08-08 12:54:14,209: INFO - =====
2019-08-08 12:54:14,214: INFO - Received message #4 from C2
2019-08-08 12:54:14,219: INFO - =====
2019-08-08 12:54:14,225: INFO - C2 AS4 Message:
2019-08-08 12:54:14,231: INFO - <?xml version="1.0" encoding="UTF-8"?>
<eb:Messaging xmlns:eb="http://docs.oasis-open.org/ebxml-msg/ebms/v3.0/ns/core/200704/"
xmlns:S11="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:ebbp="http://docs.oasis-open.org/ebxml-bp/ebbp-signals-2.0"
xmlns:S12="http://www.w3.org/2003/05/soap-envelope"
xmlns:wsu="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-wssecurity-utility-1.0.xsd"
xmlns:ds="http://www.w3.org/2000/09/xmldsig#"
xmlns:xlink="http://www.w3.org/1999/xlink"
S12:mustUnderstand="true"
wsu:id="phase4-msg-7c84af66-4988-4798-810b-2fd34d7193c7">
<eb:UserMessage>
<eb:MessageInfo>
<eb:Timestamp>2019-08-08T12:53:48.001</eb:Timestamp>
<eb:MessageId>21201ca6-9334-4a64-b6d0-405d318a6787@mindertestbed.org</eb:MessageId>
</eb:MessageInfo>
<eb:PartyInfo>
<eb:From>
<eb:PartyId>phoss-c2</eb:PartyId>
<eb:Role>http://www.esens.eu/as4/conformancetest/sut</eb:Role>
</eb:From>
<eb:To>
<eb:PartyId>phoss-c3</eb:PartyId>
<eb:Role>http://docs.oasis-open.org/ebxml-msg/ebms/v3.0/ns/core/200704/responder</eb:Role>
</eb:To>
</eb:PartyInfo>
<eb:CollaborationInfo>
<eb:AgreementRef pmode="phoss-c2-phoss-c3">urn:as4:agreement</eb:AgreementRef>
<eb:Service>SRV_ONEWAY_RETRY</eb:Service>
<eb:Action>ACT_ONEWAY_RETRY</eb:Action>
<eb:ConversationId>676623</eb:ConversationId>
</eb:CollaborationInfo>
<eb:MessageProperties>
<eb:Property name="originalSender">C1</eb:Property>
<eb:Property name="finalRecipient">C4</eb:Property>
</eb:MessageProperties>
<eb:PayloadInfo>
<eb:PartInfo href="cid:xmlpayload@minder">
<eb:PartProperties>
<eb:Property name="MimeType">application/xml</eb:Property>
<eb:Property name="CharacterSet">ISO-8859-1</eb:Property>
<eb:Property name="CompressionType">application/gzip</eb:Property>
</eb:PartProperties>
</eb:PartInfo>
</eb:PayloadInfo>
</eb:UserMessage>
</eb:Messaging>
2019-08-08 12:54:14,237: INFO - =====
2019-08-08 12:54:14,242: INFO - AS4 message id: 21201ca6-9334-4a64-b6d0-405d318a6787@mindertestbed.org
2019-08-08 12:54:14,247: INFO - =====
2019-08-08 12:54:14,252: DEBUG - Assign free vars
2019-08-08 12:54:14,258: INFO - > CALL SLOT NULLADAPTER.NULLSLOT
2019-08-08 12:54:14,263: INFO - < SLOT CALLED NULLADAPTER.NULLSLOT
2019-08-08 12:54:14,268: INFO - < Rivet finished sucessfully
2019-08-08 12:54:14,273: INFO - -----

2019-08-08 12:54:14,278: INFO - > RUN RIVET 9
2019-08-08 12:54:14,284: DEBUG - Assign free vars
2019-08-08 12:54:14,289: INFO - > CALL SLOT as4-adapter|8.sendResponse(byte[])
2019-08-08 12:54:14,295: INFO - < SLOT CALLED as4-adapter|8.sendResponse(byte[])
2019-08-08 12:54:14,300: INFO - < Rivet finished sucessfully
2019-08-08 12:54:14,305: INFO - -----
```

```
2019-08-08 12:54:14,312: INFO - > RUN RIVET 10
2019-08-08 12:54:14,317: DEBUG - > Wait For Signal:as4-adapter|8.messageReceived(byte[])
2019-08-08 12:54:24,543: DEBUG - < Signal Arrived: as4-adapter|8.messageReceived(byte[])
2019-08-08 12:54:24,548: INFO - =====
2019-08-08 12:54:24,554: INFO - Received message #5 from C2
2019-08-08 12:54:24,559: INFO - =====
2019-08-08 12:54:24,564: INFO - C2 AS4 Message:
2019-08-08 12:54:24,571: INFO - <?xml version="1.0" encoding="UTF-8"?>
<eb:Messaging xmlns:eb="http://docs.oasis-open.org/ebxml-msg/ebms/v3.0/ns/core/200704/"
xmlns:S11="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:ebbp="http://docs.oasis-open.org/ebxml-bp/ebbp-signals-2.0"
xmlns:S12="http://www.w3.org/2003/05/soap-envelope"
xmlns:wsu="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-wssecurity-utility-1.0.xsd"
xmlns:ds="http://www.w3.org/2000/09/xmldsig#"
xmlns:xlink="http://www.w3.org/1999/xlink"
S12:mustUnderstand="true"
wsu:Id="phase4-msg-7c84af66-4988-4798-810b-2fd34d7193c7">
<eb:UserMessage>
<eb:MessageInfo>
<eb:Timestamp>2019-08-08T12:53:48.001</eb:Timestamp>
<eb:MessageId>21201ca6-9334-4a64-b6d0-405d318a6787@mindentestbed.org</eb:MessageId>
</eb:MessageInfo>
<eb:PartyInfo>
<eb:From>
<eb:PartyId>phoss-c2</eb:PartyId>
<eb:Role>http://www.esens.eu/as4/conformancetest/sut</eb:Role>
</eb:From>
<eb:To>
<eb:PartyId>phoss-c3</eb:PartyId>
<eb:Role>http://docs.oasis-open.org/ebxml-msg/ebms/v3.0/ns/core/200704/responder</eb:Role>
</eb:To>
</eb:PartyInfo>
<eb:CollaborationInfo>
<eb:AgreementRef pmode="phoss-c2-phoss-c3">urn:as4:agreement</eb:AgreementRef>
<eb:Service>SRV_ONEWAY_RETRY</eb:Service>
<eb:Action>ACT_ONEWAY_RETRY</eb:Action>
<eb:ConversationId>676623</eb:ConversationId>
</eb:CollaborationInfo>
<eb:MessageProperties>
<eb:Property name="originalSender">C1</eb:Property>
<eb:Property name="finalRecipient">C4</eb:Property>
</eb:MessageProperties>
<eb:PayloadInfo>
<eb:PartInfo href="cid:xmlpayload@minder">
<eb:PartProperties>
<eb:Property name="MimeType">application/xml</eb:Property>
<eb:Property name="CharacterSet">ISO-8859-1</eb:Property>
<eb:Property name="CompressionType">application/gzip</eb:Property>
</eb:PartProperties>
</eb:PartInfo>
</eb:PayloadInfo>
</eb:UserMessage>
</eb:Messaging>
2019-08-08 12:54:24,576: INFO - =====
2019-08-08 12:54:24,582: INFO - AS4 message id: 21201ca6-9334-4a64-b6d0-405d318a6787@mindentestbed.org
2019-08-08 12:54:24,587: INFO - =====
2019-08-08 12:54:24,592: DEBUG - Assign free vars
2019-08-08 12:54:24,597: INFO - > CALL SLOT NULLADAPTER.NULLSLOT
2019-08-08 12:54:24,603: INFO - < SLOT CALLED NULLADAPTER.NULLSLOT
2019-08-08 12:54:24,608: INFO - < Rivet finished sucessfully
2019-08-08 12:54:24,613: INFO - -----

2019-08-08 12:54:24,618: INFO - > RUN RIVET 11
2019-08-08 12:54:24,624: DEBUG - Assign free vars
2019-08-08 12:54:24,629: INFO - > CALL SLOT as4-adapter|8.sendResponse(byte[])
2019-08-08 12:54:24,635: INFO - < SLOT CALLED as4-adapter|8.sendResponse(byte[])
2019-08-08 12:54:24,640: INFO - < Rivet finished sucessfully
2019-08-08 12:54:24,645: INFO - -----

2019-08-08 12:54:24,650: INFO - > RUN RIVET 12
2019-08-08 12:54:24,656: DEBUG - > Wait For Signal:genericAS4Corner1|8.processNotification(esens.wp6.esensMshBackend.MessageNotification)
2019-08-08 12:56:16,201: DEBUG - < Signal Arrived: genericAS4Corner1|8.processNotification(esens.wp6.esensMshBackend.MessageNotification)
2019-08-08 12:56:16,211: INFO - =====
2019-08-08 12:56:16,216: INFO - Corner1 backend NOTIFICATION
2019-08-08 12:56:16,221: INFO - Satus: Error
2019-08-08 12:56:16,226: INFO - Message ID: 21201ca6-9334-4a64-b6d0-405d318a6787@mindentestbed.org
2019-08-08 12:56:16,232: INFO - Short Description: DeliveryFailure
2019-08-08 12:56:16,237: INFO - Description: null
2019-08-08 12:56:16,242: INFO - =====
2019-08-08 12:56:16,248: DEBUG - Assign free vars
2019-08-08 12:56:16,256: INFO - > CALL SLOT NULLADAPTER.NULLSLOT
2019-08-08 12:56:16,261: INFO - < SLOT CALLED NULLADAPTER.NULLSLOT
2019-08-08 12:56:16,266: INFO - < Rivet finished sucessfully
2019-08-08 12:56:16,272: INFO - -----

2019-08-08 12:56:16,277: INFO - Test #29771 Finished
```

Test Report - AS4_CP_TA16

Overview

Test Group:	AS4 Common Profile Test Assertions
Test Assertion:	AS4_CP_TA16
Test Case:	AS4_CP_TA16_TC01
User:	ROOT
Date:	2019.08.08 12:56:17
System(s) Tested:	1- Phase4

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

Test Assertion Details

TAID: AS4_CP_TA16

Target: Test service

Normative Source: [eDelivery-AS4] " Section 5.2.2 of [EBMS3] defines a server test feature that allows a party to "Ping" a communication partner. The feature is based on messages with the values of: • eb:UserMessage/eb:CollaborationInfo/eb:Service set to <http://docs.oasis-open.org/ebxml-msg/ebms/v3.0/ns/core/200704/service> • eb:UserMessage/eb:CollaborationInfo/eb:Action set to <http://docs.oasis-open.org/ebxml-msg/ebms/v3.0/ns/core/200704/test> This feature allows communication partners to perform a basic test of the communication configuration (including security at network, transport and message layer, and reliability) in any environment, including the production environment. A conformant implementation MUST allow configuration of processing modes for exchanges involving these values for service and action. It MUST be possible to configure an MSH such that messages with these values are not delivered to any Consumer business application. "

Prescription Level: Mandatory

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

Predicate: The SSMH generates an AS4 message with values (and sends it to the RMH): UserMessage/CollaborationInfo/Service set to <http://docs.oasis-open.org/ebxml-msg/ebms/v3.0/ns/core/200704/service>
UserMessage/CollaborationInfo/Action set to <http://docs.oasis-open.org/ebxml-msg/ebms/v3.0/ns/core/200704/test>

Variables:

Tag: Ping message

Log

```
2019-08-08 12:56:18,526: INFO - Minder version v2.3.0
2019-08-08 12:56:18,531: INFO - Start Test
2019-08-08 12:56:18,536: INFO - Initialize test case
2019-08-08 12:56:18,544: DEBUG - Parameters
2019-08-08 12:56:18,549: DEBUG - Corner2:phoss-c2
Corner3:phoss-c3
2019-08-08 12:56:18,554: INFO - > Initialize the Adapters
2019-08-08 12:56:18,559: INFO - Call start test on NULLADAPTER
2019-08-08 12:56:18,565: INFO - Obtain SUT Identifiers from NULLADAPTER
2019-08-08 12:56:18,570: INFO - Call start test on as4-adapter
2019-08-08 12:56:18,576: INFO - Obtain SUT Identifiers from as4-adapter
2019-08-08 12:56:18,582: INFO - System Under Test: Phase4
2019-08-08 12:56:18,587: INFO - System Under Test: Phase4
2019-08-08 12:56:18,592: INFO - Call start test on genericAS4Corner1
2019-08-08 12:56:18,598: INFO - Obtain SUT Identifiers from genericAS4Corner1
2019-08-08 12:56:18,604: INFO - > RUN RIVET 0
2019-08-08 12:56:18,609: DEBUG - Assign free vars
2019-08-08 12:56:18,614: INFO - =====
2019-08-08 12:56:18,620: INFO - Corner 2 phoss-c2
2019-08-08 12:56:18,625: INFO - Corner 3 phoss-c3
2019-08-08 12:56:18,631: INFO - =====
2019-08-08 12:56:18,655: INFO - > CALL SLOT NULLADAPTER.NULLSLOT
2019-08-08 12:56:18,661: INFO - < SLOT CALLED NULLADAPTER.NULLSLOT
2019-08-08 12:56:18,666: INFO - < Rivet finished sucessfully
2019-08-08 12:56:18,671: INFO - -----

2019-08-08 12:56:18,676: INFO - > RUN RIVET 1
2019-08-08 12:56:18,682: DEBUG - Assign free vars
2019-08-08 12:56:18,687: INFO - > CALL SLOT genericAS4Corner1|8.submitMessage(esens.wp6.esensMshBackend.SubmissionData)
2019-08-08 12:56:19,025: INFO - < SLOT CALLED genericAS4Corner1|8.submitMessage(esens.wp6.esensMshBackend.SubmissionData)
2019-08-08 12:56:19,030: INFO - < Rivet finished sucessfully
2019-08-08 12:56:19,035: INFO - -----

2019-08-08 12:56:19,041: INFO - > RUN RIVET 2
2019-08-08 12:56:19,046: DEBUG - > Wait For Signal:as4-adapter|8.messageReceived(byte[])
2019-08-08 12:56:20,088: DEBUG - < Signal Arrived: as4-adapter|8.messageReceived(byte[])
2019-08-08 12:56:20,094: INFO - =====
2019-08-08 12:56:20,100: INFO - C2 AS4 Message:
2019-08-08 12:56:20,107: INFO - <?xml version="1.0" encoding="UTF-8"?>
<eb:Messaging xmlns:eb="http://docs.oasis-open.org/ebxml-msg/ebms/v3.0/ns/core/200704/"
xmlns:S11="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:ebbp="http://docs.oasis-open.org/ebxml-bp/ebbp-signals-2.0"
xmlns:S12="http://www.w3.org/2003/05/soap-envelope"
xmlns:wsu="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-wssecurity-utility-1.0.xsd"
xmlns:ds="http://www.w3.org/2000/09/xmldsig#"
xmlns:xlink="http://www.w3.org/1999/xlink"
S12:mustUnderstand="true"
wsu:Id="phase4-msg-a47cba15-4519-4ac5-9908-64fbe913c6f4">
<eb:UserMessage>
<eb:MessageInfo>
<eb:Timestamp>2019-08-08T12:56:24.990</eb:Timestamp>
<eb:MessageId>8ccccceb-0b59-4ab0-bb21-4001d225ba76@mindentestbed.org</eb:MessageId>
</eb:MessageInfo>
<eb:PartyInfo>
<eb:From>
<eb:PartyId>phoss-c2</eb:PartyId>
<eb:Role>http://www.esens.eu/as4/conformancetest/sut</eb:Role>
</eb:From>
<eb:To>
<eb:PartyId>phoss-c3</eb:PartyId>
<eb:Role>http://docs.oasis-open.org/ebxml-msg/ebms/v3.0/ns/core/200704/responder</eb:Role>
</eb:To>
</eb:PartyInfo>
<eb:CollaborationInfo>
<eb:AgreementRef pmode="phoss-c2-phoss-c3">urn:as4:agreement</eb:AgreementRef>
<eb:Service>http://docs.oasis-open.org/ebxml-msg/ebms/v3.0/ns/core/200704/service</eb:Service>
<eb:Action>http://docs.oasis-open.org/ebxml-msg/ebms/v3.0/ns/core/200704/test</eb:Action>
<eb:ConversationId>480753</eb:ConversationId>
</eb:CollaborationInfo>
<eb:MessageProperties>
<eb:Property name="originalSender">C1</eb:Property>
<eb:Property name="finalRecipient">C4</eb:Property>
</eb:MessageProperties>
<eb:PayloadInfo>
<eb:PartInfo href="cid:xmlpayload@minder">
<eb:PartProperties>
<eb:Property name="MimeType">application/xml</eb:Property>
<eb:Property name="CharacterSet">ISO-8859-1</eb:Property>
<eb:Property name="CompressionType">application/gzip</eb:Property>
</eb:PartProperties>
</eb:PartInfo>
</eb:PayloadInfo>
</eb:UserMessage>
</eb:Messaging>
2019-08-08 12:56:20,112: INFO - =====
2019-08-08 12:56:20,118: INFO - AS4 message id: 8ccccceb-0b59-4ab0-bb21-4001d225ba76@mindentestbed.org
2019-08-08 12:56:20,123: INFO - =====
2019-08-08 12:56:20,128: INFO - Service: http://docs.oasis-open.org/ebxml-msg/ebms/v3.0/ns/core/200704/service
2019-08-08 12:56:20,133: INFO - Action: http://docs.oasis-open.org/ebxml-msg/ebms/v3.0/ns/core/200704/test
2019-08-08 12:56:20,139: INFO - =====
2019-08-08 12:56:20,144: DEBUG - Assign free vars
2019-08-08 12:56:20,149: INFO - > CALL SLOT as4-adapter|8.sendMessage(byte[])
2019-08-08 12:56:20,281: INFO - < SLOT CALLED as4-adapter|8.sendMessage(byte[])
2019-08-08 12:56:20,286: INFO - < Rivet finished sucessfully
2019-08-08 12:56:20,291: INFO - -----

2019-08-08 12:56:20,297: INFO - > RUN RIVET 3
2019-08-08 12:56:20,302: DEBUG - > Wait For Signal:as4-adapter|8.replyReceived(byte[])
2019-08-08 12:56:20,307: DEBUG - < Signal Arrived: as4-adapter|8.replyReceived(byte[])
```

```

2019-08-08 12:56:20,313: INFO - =====
2019-08-08 12:56:20,319: INFO - Received the Receipt: 1565268980319
2019-08-08 12:56:20,326: INFO - RECEIPT:
2019-08-08 12:56:20,331: INFO - <?xml version="1.0" encoding="UTF-8"?>
<S12:Header xmlns:S12="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"
xmlns:wsu="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-wssecurity-utility-1.0.xsd"
S12:mustUnderstand="true">
<wsse:BinarySecurityToken EncodingType="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-soap-message-security-1.0#Base64Binary"
ValueType="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-x509-token-profile-1.0#X509v3"
wsu:Id="#X509-3cce82fd-bd66-4d2e-ac5c-fda7bd06f69d">MIIDdzCCAAl+gAwIBAgIEa5bQAJANBgkqhkiG9w0BAQsFADBBAQswCQYDVQQGEWJFVTERMA8GA1UECBMlcGhvcs3MtYzIxMDYwMjE0MzUyMFowBDELMAKGA1UEB
DwYDVQKEWhwaG9zcyc1JmZERMA8GA1UECzMicGhvcs3MtYzIxMDYwMjE0MzUyMFowBDELMAKGA1UEBwRlMCRVRUxEtAPBgNVBAsTCHBob3NzLWMzMREwDwYDVQDEwhwaG9zc
y1JmZCCASlwDQYJKoZIhvcNAQEBBQADggEPADCCAQoCggEBAJrgRWoa97DiX0yH+0ACnX8hUbttCHluisDeucPI2fnfWh8XorPka5rSiRJB61bU6Ac/pNFK3EdtlhPxFs5A5zJ6c5U8okM
36R8Jzdry5hf0otGqRlnTBXNGaE2xqvdrJhizPHguNYe7sRgAydk2KfWRuXAq8uAD23DBG9X1r8dDscSAPnrUx4LF8SIqqwrSbtOkOU1fykoAdsoDZhxrkVc3oDHEMMM4kIOB9/GWmfCcH
AzGSUjYI5FP2ljJCWRDiac3/AJOMIMWzeWDvUFxpvdzoQ1IAua9L3bbly7DdvAbtvASwlK5jqQVX0u3Fxo5BkkeloF5TH4n0rmLKOAyccAwEAaAMhMB8wHQYDVRO0BBYEFPZzbvaU9
/zQAALJgMacKtSGdsGxG/MAOGCSqGSlib3DQEBCwUA4IBAQBHGWSGC7vPMYru8b4CGv3E3yXIUPDYn3JOBDZJevBhSIFPdJ7lbP1EGcB8ylXD0d6/atwTbiX2+P+od3q+4/ZuB2ktGJSdr
51QR/M/DhaJo/3GL7GcmSASWG3YJfX1/Yu6Voga/sZYmflVrnatHuD1YG4c6Zbf5P3vw0xVHNTtTFDB8Zp9mPKPKPJ3m2sOFii2JODZAgoTt/GeZaXHPVU58bQ+KiZ8EvZvPoPiXty4aUlxd4d
ILSEGHdqpfo6vVLBYM43DUwfob4i9I/ybn6iZkdAc3GSZIDkZsvTmbUe2QNs+Mqp3VrpL3fMU9ig182UqlDHCmgx177/haJji+</wsse:BinarySecurityToken>
<ds:Signature xmlns:ds="http://www.w3.org/2000/09/xmldsig#"
Id="#SIG-ad3ff3a5-1399-4641-af0b-26dcfa9206a7">
<ds:SignedInfo>
<ds:CanonicalizationMethod Algorithm="http://www.w3.org/2001/10/xml-exc-c14n#">
<ec:InclusiveNamespaces xmlns:ec="http://www.w3.org/2001/10/xml-exc-c14n#" PrefixList="S12"/>
</ds:CanonicalizationMethod>
<ds:SignatureMethod Algorithm="http://www.w3.org/2001/04/xmldsig-more#rsa-sha256"/>
<ds:Reference URI="#phase4-msg-43ef6a26-cff3-43e1-b9d6-48ae3701f7ff">
<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>qFlu64Ve7cUMA9O360Y2czoyg3lqDLWFVP4BEwt0=</ds:DigestValue>
</ds:Reference>
<ds:Reference URI="#id-2e1054a3-2d22-43af-94a9-b9fc7c0aaf18">
<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>WGRwkyp9z31z8NdMkEG9t+WoA90Jq8mSyVa6+DA3Biw=</ds:DigestValue>
</ds:Reference>
</ds:SignedInfo>
<ds:SignatureValue>OX4ZZb0SJ8EaaHjFYiFwEMil6MyWGuckvrDKgHib1b96pmsIYK3dp9AGDNs+vGCG3TktLgqFQHm/FewxGEIYkrIAft6APetC720IGycKmxyzsdf0pfFoSYEMU1Iwc
UTqAs18r2E63g+wlvTgQGmcJmjOzojc32dikUdG720upnr/XHwtXcQ4E71wx9QE0FFQ3ChwJYEVJRakip5B+MklG3R1RyGc4FctSz1JMwS5+T/kmUp+aonz0BOBI3cM+INJPf9Um1Jx5
IdQt0wUCFGzRDvrlbxOrTdVgLgXwLVszRTmKhRCYCCQLfWj7AEa75HI0S9DRQRORukvt0sw==</ds:SignatureValue>
<ds:KeyInfo Id="#KI-f0f12638-ac6f-465c-8cb1-222aca058563">
<wsse:SecurityTokenReference wsu:Id="#STR-c565d66a-c54e-4679-bb76-fd94b423ab6e">
<wsse:Reference URI="#X509-3cce82fd-bd66-4d2e-ac5c-fda7bd06f69d"
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:S11="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:ebbp="http://docs.oasis-open.org/ebxml-bp/ebbp-signals-2.0"
xmlns:wsu="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-wssecurity-utility-1.0.xsd"
xmlns:ds="http://www.w3.org/2000/09/xmldsig#"
xmlns:xlink="http://www.w3.org/1999/xlink"
S12:mustUnderstand="true"
wsu:Id="#phase4-msg-43ef6a26-cff3-43e1-b9d6-48ae3701f7ff">
<eb:SignalMessage>
<eb:MessageInfo>
<eb:Timestamp>2019-08-08T12:56:25.306</eb:Timestamp>
<eb:MessageId>4b7be236-d6bb-4e94-a95f-84dfdc4c8e4</eb:MessageId>
<eb:RefToMessageId>8cccccebb-0b59-4ab0-bb21-4001d225ba76@mindentestbed.org</eb:RefToMessageId>
</eb:MessageInfo>
<eb:Receipt>
<ebbp:NonRepudiationInformation>
<ebbp:MessagePartNRInformation>
<ds:Reference URI="#phase4-msg-a47cba15-4519-4ac5-9908-64fbe913c6f4">
<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>oRSpcgL+9aj2z1ryh3w5SWBmybjGRN/pqPAF+QuPB8=</ds:DigestValue>
</ds:Reference>
</ebbp:MessagePartNRInformation>
<ebbp:MessagePartNRInformation>
<ds:Reference URI="#id-288d32b0-2fdb-4fd3-91c6-dd3eb42016b7">
<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>9NvtwH8KLbmOW9SH/mQuRBYLKRLxYOHL/we/BawoSqs=</ds:DigestValue>
</ds:Reference>
</ebbp:MessagePartNRInformation>
<ebbp:MessagePartNRInformation>
<ds:Reference URI="cid:xmldata@minderr">
<ds:Transforms>
<ds:Transform Algorithm="http://docs.oasis-open.org/wss/oasis-wss-SwAPProfile-1.1Attachment-Content-Signature-Transform"/>
</ds:Transforms>
<ds:DigestMethod Algorithm="http://www.w3.org/2001/04/xmenc#sha256"/>
<ds:DigestValue>yqDt8JU9CgV+e+tbFU03wV/j811CUMDvel8LPsJ14o=</ds:DigestValue>
</ds:Reference>
</ebbp:MessagePartNRInformation>
</ebbp:NonRepudiationInformation>
</eb:Receipt>
</eb:SignalMessage>
</eb:Messaging>
</S12:Header>
2019-08-08 12:56:20,336: INFO - =====
2019-08-08 12:56:20,341: DEBUG - Assign free vars
2019-08-08 12:56:20,347: INFO - > CALL SLOT as4-adapter|8.sendResponse(byte[])
2019-08-08 12:56:20,353: INFO - < SLOT CALLED as4-adapter|8.sendResponse(byte[])

```

2019-08-08 12:56:20,358: INFO - < Rivet finished sucessfully

2019-08-08 12:56:20,363: INFO - -----

2019-08-08 12:56:20,368: INFO - Test #29772 Finished

Test Report - AS4_CP_TA17

Overview

Test Group:	AS4 Common Profile Test Assertions
Test Assertion:	AS4_CP_TA17
Test Case:	AS4_CP_TA17_TC01
User:	ROOT
Date:	2019.08.08 12:56:21
System(s) Tested:	1- Phase4

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

Test Assertion Details

TAID:	AS4_CP_TA17
Target:	Test service
Normative Source:	[eDelivery-AS4] "It MUST be possible to configure an MSH such that messages with these values are not delivered to any Consumer business application."
Prescription Level:	Mandatory
Prerequisite:	• AS4_CP_TA16. • The consumer is reachable.
Predicate:	The RMSH sends back a non-repudiation receipt within a HTTP response with status code 2XX and the consumer doesn't receive any message.
Variables:	
Tag:	Ping message

Log

```
2019-08-08 12:56:22,532: INFO - Minder version v2.3.0
2019-08-08 12:56:22,537: INFO - Start Test
2019-08-08 12:56:22,542: INFO - Initialize test case
2019-08-08 12:56:22,550: DEBUG - Parameters
2019-08-08 12:56:22,555: DEBUG - Corner2:phoss-c2
Corner3:phoss-c3
2019-08-08 12:56:22,560: INFO - > Initialize the Adapters
2019-08-08 12:56:22,566: INFO - Call start test on NULLADAPTER
2019-08-08 12:56:22,571: INFO - Obtain SUT Identifiers from NULLADAPTER
2019-08-08 12:56:22,576: INFO - Call start test on as4-adapter
2019-08-08 12:56:22,583: INFO - Obtain SUT Identifiers from as4-adapter
2019-08-08 12:56:22,588: INFO - System Under Test: Phase4
2019-08-08 12:56:22,594: INFO - System Under Test: Phase4
2019-08-08 12:56:22,599: INFO - Call start test on genericAS4Corner1
2019-08-08 12:56:22,605: INFO - Obtain SUT Identifiers from genericAS4Corner1
2019-08-08 12:56:22,610: INFO - > RUN RIVET 0
2019-08-08 12:56:22,615: DEBUG - Assign free vars
2019-08-08 12:56:22,621: INFO - =====
2019-08-08 12:56:22,626: INFO - Corner 2 phoss-c2
2019-08-08 12:56:22,632: INFO - Corner 3 phoss-c3
2019-08-08 12:56:22,637: INFO - =====
2019-08-08 12:56:22,663: INFO - > CALL SLOT NULLADAPTER.NULLSLOT
2019-08-08 12:56:22,668: INFO - < SLOT CALLED NULLADAPTER.NULLSLOT
2019-08-08 12:56:22,673: INFO - < Rivet finished sucessfully
2019-08-08 12:56:22,679: INFO - -----

2019-08-08 12:56:22,684: INFO - > RUN RIVET 1
2019-08-08 12:56:22,689: DEBUG - Assign free vars
2019-08-08 12:56:22,694: INFO - > CALL SLOT genericAS4Corner1|8.submitMessage(esens.wp6.esensMshBackend.SubmissionData)
2019-08-08 12:56:27,902: INFO - < SLOT CALLED genericAS4Corner1|8.submitMessage(esens.wp6.esensMshBackend.SubmissionData)
2019-08-08 12:56:27,907: INFO - < Rivet finished sucessfully
2019-08-08 12:56:27,913: INFO - -----

2019-08-08 12:56:27,918: INFO - > RUN RIVET 2
2019-08-08 12:56:27,923: DEBUG - > Wait For Signal:as4-adapter|8.messageReceived(byte[])
2019-08-08 12:56:28,989: DEBUG - < Signal Arrived: as4-adapter|8.messageReceived(byte[])
2019-08-08 12:56:28,995: INFO - =====
2019-08-08 12:56:29,001: INFO - C2 AS4 Message:
2019-08-08 12:56:29,008: INFO - <?xml version="1.0" encoding="UTF-8"?>
<eb:Messaging xmlns:eb="http://docs.oasis-open.org/ebxml-msg/ebms/v3.0/ns/core/200704/"
xmlns:S11="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:ebbp="http://docs.oasis-open.org/ebxml-bp/ebbp-signals-2.0"
xmlns:S12="http://www.w3.org/2003/05/soap-envelope"
xmlns:wsu="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-wssecurity-utility-1.0.xsd"
xmlns:ds="http://www.w3.org/2000/09/xmldsig#"
xmlns:xlink="http://www.w3.org/1999/xlink"
S12:mustUnderstand="true"
wsu:Id="phase4-msg-c3b28a73-1c45-4383-a7b2-5cff511542e2">
<eb:UserMessage>
<eb:MessageInfo>
<eb:Timestamp>2019-08-08T12:56:33.853</eb:Timestamp>
<eb:MessageId>7a4baee1-7c61-486b-bde7-44cdcd0193da@mindentestbed.org</eb:MessageId>
</eb:MessageInfo>
<eb:PartyInfo>
<eb:From>
<eb:PartyId>phoss-c2</eb:PartyId>
<eb:Role>http://www.esens.eu/as4/conformancetest/sut</eb:Role>
</eb:From>
<eb:To>
<eb:PartyId>phoss-c3</eb:PartyId>
<eb:Role>http://docs.oasis-open.org/ebxml-msg/ebms/v3.0/ns/core/200704/responder</eb:Role>
</eb:To>
</eb:PartyInfo>
<eb:CollaborationInfo>
<eb:AgreementRef pmode="phoss-c2-phoss-c3">urn:as4:agreement</eb:AgreementRef>
<eb:Service>http://docs.oasis-open.org/ebxml-msg/ebms/v3.0/ns/core/200704/service</eb:Service>
<eb>Action>http://docs.oasis-open.org/ebxml-msg/ebms/v3.0/ns/core/200704/test</eb>Action>
<eb:ConversationId>169114</eb:ConversationId>
</eb:CollaborationInfo>
<eb:MessageProperties>
<eb:Property name="originalSender">C1</eb:Property>
<eb:Property name="finalRecipient">C4</eb:Property>
</eb:MessageProperties>
<eb:PayloadInfo>
<eb:PartInfo href="cid:xmlpayload@minder">
<eb:PartProperties>
<eb:Property name="MimeType">application/xml</eb:Property>
<eb:Property name="CharacterSet">ISO-8859-1</eb:Property>
<eb:Property name="CompressionType">application/gzip</eb:Property>
</eb:PartProperties>
</eb:PartInfo>
</eb:PayloadInfo>
</eb:UserMessage>
</eb:Messaging>
2019-08-08 12:56:29,013: INFO - =====
2019-08-08 12:56:29,019: INFO - AS4 message id: 7a4baee1-7c61-486b-bde7-44cdcd0193da@mindentestbed.org
2019-08-08 12:56:29,024: INFO - =====
2019-08-08 12:56:29,029: INFO - Service: http://docs.oasis-open.org/ebxml-msg/ebms/v3.0/ns/core/200704/service
2019-08-08 12:56:29,035: INFO - Action: http://docs.oasis-open.org/ebxml-msg/ebms/v3.0/ns/core/200704/test
2019-08-08 12:56:29,040: INFO - =====
2019-08-08 12:56:29,045: DEBUG - Assign free vars
2019-08-08 12:56:29,050: INFO - > CALL SLOT as4-adapter|8.sendMessage(byte[])
2019-08-08 12:56:29,160: INFO - < SLOT CALLED as4-adapter|8.sendMessage(byte[])
2019-08-08 12:56:29,165: INFO - < Rivet finished sucessfully
2019-08-08 12:56:29,170: INFO - -----

2019-08-08 12:56:29,175: INFO - > RUN RIVET 3
2019-08-08 12:56:29,180: DEBUG - > Wait For Signal:as4-adapter|8.replyReceived(byte[])
2019-08-08 12:56:29,186: DEBUG - < Signal Arrived: as4-adapter|8.replyReceived(byte[])
```

```

2019-08-08 12:56:29,191: INFO - =====
2019-08-08 12:56:29,198: INFO - Received the Receipt: 1565268989197
2019-08-08 12:56:29,203: INFO - =====
2019-08-08 12:56:29,209: INFO - RECEIPT:
2019-08-08 12:56:29,215: INFO - <?xml version="1.0" encoding="UTF-8"?>
<S12:Header xmlns:S12="http://www.w3.org/2003/05/soap-envelope">
<wsse:Security xmlns:wsse="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-wssecurity-secect-1.0.xsd"
xmlns:wsu="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-wssecurity-utility-1.0.xsd"
S12:mustUnderstand="true">
<wsse:BinarySecurityToken EncodingType="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-soap-message-security-1.0#Base64Binary"
ValueTypes="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-x509-token-profile-1.0#X509v3"
wsu:id="X509-91e1d325-0460-44c9-8597-
c849c13009e9">MIIDdzCCAAlgAwIBoAgIEA5bQAJANBgkqhkiG9w0BAQsFADBBMQswCQYDVQQGEwJVTERMA8GA1UECBMlcGhvcs3MtYzMyxETAPBgnVBABAcTCHBob3NzLWMzMREwDwYDVQQKEWhwaG9zcycjYmZERMA8GA1UECXMicGhvcs3MtYzMyxETAPBgnVBAMTCHEBOb3NzLWMzMBA4XDTE5MDYwMzE0MzUyMFowDELMAKGA1UEB
hMCVRVuxETAPEBgnVBABAcTCHBob3NzLWMzMREwDwYDVQQKEWhwaG9zcycjYmZERMA8GA1UECXMicGhvcs3MtYzMyxETAPBgnVBASAcTCHBob3NzLWMzMREwDwYDVQQDEwhwaG9zc
y1JmZCCAslwdQYJKoZIhvcNAQEBAAdggEPADCAQoCGgEBAJRgRWoa9a7DiXOyh+0ACnX8hUbbtChLuISdeucPI2fnfWh8XorPka5rSIRJB61bu5AC/pNFK3EdtlhPxFS5AjzJ6c5U8okM
36R8jZdry5hf0otGqRLinTBXNGAE2qxvdvjHjZHPHuNyEs7RsgAydkFWRuXAq8uaAD23DBG9X1r8dDscSAPnrUx4LF8SIqqwrSBtk0OU1fykoADsoDZhxrkcVc3QDHEDMM4klOB9/GWmfFcH
AzGS5yJ15P62ljWCrdI4ac3AJOMLMWzeWDvufXpv2doQ1IAua9L3bbply7DDvAbtvASwLK5QjqfVX0u3FxosBkkeloF5TH4n0RmLKOAYCcAAwEAAMhMB8hwQYDVR0BBYYEFPPZzbvaU9
/QALJlgMcqKtSGdsXg/MAGCSQGSLb3DQEBECwUAA4IBAQBHGWSgc7vrPMYru8ba4Cg3YE3YXIUPDYn3JOBDZJEvhBSIFjdZ7lbP1EGGB8yIXD0d6/atwTbiX2+P+od3q+4Zub2ktGJSdr
51lQRm/DhaJo3GL7GcmSASWG3YjfX1/Yu6Voga/sZYmlfVnatHudSiYG4c6Zbf5FP3vw0xVNHTttTFDB8Zfp9mPKPJ3m2sOFii2JODZagoTvGeZAHPVVU58bQ+KiZ8EvZvPoPiXty4aUlxd4d
ILSEGHdqpfO6vVLBYM43DUwfob4i9/iynbn6iZKDac3GSZIdKZsvTmbUe2QN+sMqp3VrpL3fMU9ig182UqlDHCmgx17/hajji+/</wsse:BinarySecurityToken>
<ds:Signature xmlns:ds="http://www.w3.org/2000/09/xmldsig#"
Id="SIG-dd471cc8-92d8-45e0-86cf-aee2dd5e0e26">
<ds:SignedInfo>
<ds:CanonicalizationMethod Algorithm="http://www.w3.org/2001/10/xml-exc-c14n#">
<ec:InclusiveNamespaces xmlns:ec="http://www.w3.org/2001/10/xml-exc-c14n#" PrefixList="S12"/>
</ds:CanonicalizationMethod>
<ds:SignatureMethod Algorithm="http://www.w3.org/2001/04/xmldsig-more#rsa-sha256"/>
<ds:Reference URI="#phase4-msg-e446331c-ec25-41ee-8412-0dfa58e5ae90">
<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>qty8YqtQMUAJIImEEenGLThczdTCTYUsV4mxuCFqxHOSE=</ds:DigestValue>
</ds:Reference>
<ds:Reference URI="#id-c4412af1-b3fa-4113-b449-67a766a9bf06">
<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>P9lvgalzo0b70WeE1Vm3MircvNsGbBiMFTGG9+YUL=</ds:DigestValue>
</ds:Reference>
<ds>SignedInfo>
<ds:Signature Value=h8PW48JC6m3Sv7ab35cjSJatIBCKWcFIYM60/OIYAgygo3IKfKlonYM6+/InsIPNnpBWx/F7-A1DsmPCa1VhrsFEVPce+07WpZBaxyqpvyq3+bFC/KWGNCYTeit++g
oJETemSjga4AZpSglJ1mESbzDfeShgCEV1aMOOC0DrEZEMbuD/7zwKKNTZCJD0JJY7CHHVrOPgz2bb5c3AXcqKRPNPnbtxO65PTubVKnKNSR6NSKI8ApGX8oxckkm3O3uZBPk97SVi
87PdVKFL1qtNhOrvg4hl5OVLPThVGFAFY9sgmYCxAQLXrt4kxOSmsSQOfJfyg80iwSzOl3IGdg==</ds:Signature Value>
<ds>KeyInfo Id="KI-d3516702-7340-4fa6-832a-146f1300e9b5">
<wsse:SecurityTokenReference wsu:Id="STR-f5ddb999-e8d0-4c26-bb7c-1399e3726fce">
<wsse:Reference URI="#X509-91e1d325-0460-44c9-8597-c849c13009e9"
ValueTypes="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/ebsmv3.0/ns/core/200704/"
xmlns:S11="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:ebbp="http://docs.oasis-open.org/ebxml-bpebbp-signals-2.0"
xmlns:wsu="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-wssecurity-utility-1.0.xsd"
xmlns:ds="http://www.w3.org/2000/09/xmldsig#"
xmlns:xlink="http://www.w3.org/1999/xlink"
S12:mustUnderstand="true"
wsu:Id="phase4-msg-e446331c-ec25-41ee-8412-0dfa58e5ae90">
<eb:SignalMessage>
<eb:MessageInfo>
<eb:Timestamp>2019-08-08T12:56:34.185</eb:Timestamp>
<eb:MessageId>4f80a329-7759-4005-bc74-270ed48c38f7 @ phase4</eb:MessageId>
<eb:RefToMessageld>7a4baee1-7c61-486b-bde7-44cdcd0193da @ mindertestbed.org</eb:RefToMessageld>
</eb:MessageInfo>
<eb:Receipt>
<ebbp:NonRepudiationInformation>
<ebbp:MessagePartNRInformation>
<ds:Reference URI="#phase4-msg-c3b28a73-1c45-4383-a7b2-5cff511542e2">
<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>hCEcleYH1EE9Obabt52VRNFLptFQtEA1gpJKRHUZn/A=</ds:DigestValue>
</ds:Reference>
</ebbp:MessagePartNRInformation>
<ebbp:MessagePartNRInformation>
<ds:Reference URI="#id-0b1fc46c-b795-48c7-97b9-75825b9c12f2">
<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>rasCVFOqaQmEFOObKaEqRDDmdL7z5k13+UudOVchbVE=</ds:DigestValue>
</ds:Reference>
</ebbp:MessagePartNRInformation>
<ebbp:MessagePartNRInformation>
<ds:Reference URI="cid:xmldata@minder">
<ds:Transforms>
<ds:Transform Algorithm="http://docs.oasis-open.org/wss/oasis-wss-SwapProfile-1.1#Attachment-Content-Signature-Transform"/>
</ds:Transforms>
<ds>DigestMethod Algorithm="http://www.w3.org/2001/04/xmenc#sha256"/>
<ds>DigestValue>yqdT8JU9CgvE+tbFUO3wVjl811CUUMdvcl8PsLJa4=</ds:DigestValue>
</ds:Reference>
</ebbp:MessagePartNRInformation>
</ebbp:NonRepudiationInformation>
</eb:Receipt>
</eb:SignalMessage>
</eb:Messaging>
</S12:Header>
2019-08-08 12:56:29,220: INFO - =====
2019-08-08 12:56:29,225: DEBUG - Assign free vars
2019-08-08 12:56:29,230: INFO - -> CALL SLOT as4-adapter[8.sendResponse(byte[])]
```

2019-08-08 12:56:29,236: INFO - < SLOT CALLED as4-adapter[8.sendResponse(byte[])]
2019-08-08 12:56:29,242: INFO - < Rivet finished sucessfully
2019-08-08 12:56:29,247: INFO - -----
2019-08-08 12:56:29,252: INFO - Test #29773 Finished

Test Report - AS4_CP_TA19

Overview

Test Group:	AS4 Common Profile Test Assertions
Test Assertion:	AS4_CP_TA19
Test Case:	AS4_CP_TA19_TC01
User:	ROOT
Date:	2019.08.08 12:56:30
System(s) Tested:	1- Phase4

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

Test Assertion Details

TAID: AS4_CP_TA19

Target: Message Exchange conversation

Normative Source:

[eDelivery-AS4] "The ebMS3 and AS4 specifications do not constrain the use of the elements eb:RefToMessageId and eb:ConversationId, but the following profiling applies: 3. eb:UserMessage/eb:MessageInfo/eb:RefToMessageId is to be used to support message exchanges that are modeled as request-response interactions. In the response message, the value of the element MUST be set to the value of the eb:UserMessage/eb:MessageInfo/eb:MessageId element in the request message. 4. eb:UserMessage/eb:CollaborationInfo/eb:ConversationId MUST be included in any AS4 message (as it is a mandatory element). The value MUST be consistent with the data type specified in the ebMS3 XML schema, which is xs:token. In a Two Way exchange, the value of the eb:ConversationId in the response MUST be the same as the value of the eb:ConversationId in the request message."

Prescription Level: Mandatory

Prerequisite:

- SSMH and RSMH are configured to exchange AS4 messages according to the eDelivery AS4 profile: Two-Way/Push-and-Push MEP.
- The producer submits a message with metadata information and payload with specifying any conversationId value.
- SSMH sends an AS4 user message (M1) to the RSMH in the context of a two way

exchange. • The RMSH replies to the SSMH request with an AS4 user message (M2).

Predicate:

In the AS4 Message generated by the RMSH, CONVERSATIONID2 is equal to CONVERSATIONID1 which is equal to conversationId value (set by producer).

Variables:

CONVERSATIONIDM1: XML element of AS4 user message (M1)

Messaging/UserMessage/CollaborationInfo/ConversationId

CONVERSATIONIDM2: XML element of AS4 user message (M2)

Messaging/UserMessage/CollaborationInfo/ConversationId

Tag:

Message Packaging, Correlation, Conversation ID

[illegible]

```
<ds:KeyInfo xmlns:ds="http://www.w3.org/2000/09/xmldsig#">
  <wsse:SecurityTokenReference xmlns:wsse11="http://docs.oasis-open.org/wss/oasis-wss-wssecurity-secext-1.1.xsd"
wsse11:TokenType="http://docs.oasis-open.org/wss/oasis-wss-soap-message-security-1.1#EncryptedKey">
    <wsse:Reference URI="#EK-faf87dd9-b027-4e39-9ead-08383c11a110"/>
  </wsse:SecurityTokenReference>
</ds:KeyInfo>
<xenc:CipherData>
  <xenc:CipherReference URI="cid:custompayload@minder">
  </xenc:CipherReference>
</xenc:CipherData>
<xenc:EncryptedData>
  <xenc:EncryptedData xmlns:xenc="http://www.w3.org/2001/04/xmenc#"
Id="ED-2fd0fdb0-039e-49ee-a464-e7a3e8eaf82"
MimeType="application/gzip"
Type="http://docs.oasis-open.org/wss/oasis-wss-SwAProfile-1.1#Attachment-Content-Only">
    <xenc:EncryptionMethod Algorithm="http://www.w3.org/2009/xmenc1#aes128-gcm"/>
  </xenc:EncryptedData>
</xenc:EncryptedData>
<ds:KeyInfo xmlns:ds="http://www.w3.org/2000/09/xmldsig#">
  <wsse:SecurityTokenReference xmlns:wsse11="http://docs.oasis-open.org/wss/oasis-wss-wssecurity-secext-1.1.xsd"
wsse11:TokenType="http://docs.oasis-open.org/wss/oasis-wss-soap-message-security-1.1#EncryptedKey">
    <wsse:Reference URI="#EK-faf87dd9-b027-4e39-9ead-08383c11a110"/>
  </wsse:SecurityTokenReference>
</ds:KeyInfo>
<xenc:CipherData>
  <xenc:CipherReference URI="cid:xmlpayload@minder">
  </xenc:CipherReference>
</xenc:CipherData>
<xenc:EncryptedData>
  <xenc:BinarySecurityToken EncodingType="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-soap-message-security-1.0#Base64Binary"
ValueTypes="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-x509-token-profile-1.0#X509v3"
wsu:Id="X509-2567585f-8b7c-4707-9a74-2a3f91598845">
    <ds:Signature xmlns:ds="http://www.w3.org/2000/09/xmldsig#"
Id="SIG-76693152-9cef-49ae-95e0-65fc7c558111">
      <ds:SignedInfo>
        <ds:CanonicalizationMethod Algorithm="http://www.w3.org/2001/10/xml-exc-c14n#">
        </ds:CanonicalizationMethod>
        <ec:InclusiveNamespaces xmlns:ec="http://www.w3.org/2001/10/xml-exc-c14n#" PrefixList="S12"/>
        <ds:SignatureMethod Algorithm="http://www.w3.org/2001/04/xmldsig-more#rsa-sha256"/>
        <ds:Reference URI="#phase4-msg-be6f664e-5de0-45bb-ba7a-eee637b26b9f">
          <ds:Transforms>
            <ds:Transform Algorithm="http://www.w3.org/2001/10/xml-exc-c14n#">
            </ds:Transform>
          </ds:Transforms>
          <ds:DigestMethod Algorithm="http://www.w3.org/2001/04/xmenc#sha256"/>
          <ds:DigestValue>WgwxkIFDXGHUtUwJuThZV0F/k+D7jz20FuXuDM1bOOY=</ds:DigestValue>
        </ds:Reference>
        <ds:Reference URI="#id-98680297-772a-4aca-83fb-beb645434b93">
          <ds:Transforms>
            <ds:Transform Algorithm="http://www.w3.org/2001/10/xml-exc-c14n#">
            </ds:Transform>
          </ds:Transforms>
          <ds:DigestMethod Algorithm="http://www.w3.org/2001/04/xmenc#sha256"/>
          <ds:DigestValue>9KQO/tZtGfLXG7f6m09aRBsPcM1VAhf4AJKjwG9bQL=</ds:DigestValue>
        </ds:Reference>
        <ds:Reference 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:Transform>
          </ds:Transforms>
          <ds:DigestMethod Algorithm="http://www.w3.org/2001/04/xmenc#sha256"/>
          <ds:DigestValue>yqDt8JU9CgV+e+tbUO3wVjI811CUMDvei8LpSJ14o=</ds:DigestValue>
        </ds:Reference>
        <ds:Reference URI="cid:custompayload@minder">
          <ds:Transforms>
            <ds:Transform Algorithm="http://docs.oasis-open.org/wss/oasis-wss-SwAProfile-1.1#Attachment-Content-Signature-Transform"/>
            </ds:Transform>
          </ds:Transforms>
          <ds:DigestMethod Algorithm="http://www.w3.org/2001/04/xmenc#sha256"/>
          <ds:DigestValue>r7CBJbov5qQij53dkc1t13rbaTa3dKkqkCR5ankrf0=</ds:DigestValue>
        </ds:Reference>
      </ds:SignedInfo>
      <ds:SignatureValue>ZgHKzfzu+CrWesc+BGOQ760Kulidip8/DfkH1t96EHXZNC/Xp0vOZ/8SGR+Ky0YJLiKloXdn6Ptz/cLnnWiQez5iT/Bl6WgTG23Q7ITLnOi14I9ZbfnvqPjyJvRYCAe192
Uhgua/KS9lJHue7bG/ui8qtkeyBWifAOcihm4ZwOOA4BJrLAPxIT08/KdcTNKfE+icxBry+HDOyJX5AGma1tBEIWP0NG7Xoi4qvF28KmqtoY+e7zcfIYZJm7dnC8d/JBS0fI/NMgri43ZzdDC6
PB+3Cj2MDT2sd09xknQim6NR8jh9ZkSL8Zvq2igQck4eP+DtN8ap+GcnalC1sK0w==</ds:SignatureValue>
    </ds:Signature>
  </ds:Signature>
</ds:Signature>
<eb:Messaging xmlns:eb="http://docs.oasis-open.org/ebxml-msg/ebms/v3.0/ns/core/200704/"
xmlns:S11="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:ebbp="http://docs.oasis-open.org/ebxml-bp/ebbp-signals-2.0"
xmlns:wsu="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-wssecurity-utility-1.0.xsd"
xmlns:ds="http://www.w3.org/2000/09/xmldsig#"
xmlns:xlink="http://www.w3.org/1999/xlink"
S12:mustUnderstand="true"
wsu:Id="phase4-msg-be6f664e-5de0-45bb-ba7a-eee637b26b9f">
  <eb:UserMessage>
    <eb:MessageInfo>
      <eb:Timestamp>2019-08-08T12:56:37.814</eb:Timestamp>
```

```
<eb:MessageId>b38bc93-d66a-4ca6-8e1c-9479f66b5f93</eb:MessageId>  
</eb:MessageInfo>  
<eb:PartyInfo>  
<eb:From>  
<eb:PartyId>phoss-c2</eb:PartyId>  
<eb:Role>http://www.esens.eu/as4/conformancetest/sut</eb:Role>  
</eb:From>  
<eb:To>  
<eb:PartyId>phoss-c3</eb:PartyId>  
<eb:Role>http://docs.oasis-open.org/ebxml-msg/ebms/v3.0/ns/core/200704/responder</eb:Role>  
</eb:To>  
</eb:PartyInfo>  
<eb:CollaborationInfo>  
<eb:AgreementRef pmode="phoss-c2-phoss-c3">urn:as4:agreement</eb:AgreementRef>  
<eb:Service>SRV_SIMPLE_TWOWAY</eb:Service>  
<eb>Action>ACT_SIMPLE_TWOWAY</eb>Action>  
<eb:ConversationId>496633</eb:ConversationId>  
</eb:CollaborationInfo>  
<eb:MessageProperties>  
<eb:Property name="originalSender">C1</eb:Property>  
<eb:Property name="finalRecipient">C4</eb:Property>  
</eb:MessageProperties>  
<eb:PayloadInfo>  
<eb:PartInfo href="#cid:xmldata@mindertestbed">  
<eb:PartProperties>  
<eb:Property name="MimeType">application/xml</eb:Property>  
<eb:Property name="CharacterSet">ISO-8859-1</eb:Property>  
<eb:Property name="CompressionType">application/gzip</eb:Property>  
</eb:PartProperties>  
</eb:PartInfo>  
<eb:PartInfo href="#cid:custompayload@minder">  
<eb:PartProperties>  
<eb:Property name="MimeType">application/octet-stream</eb:Property>  
<eb:Property name="CharacterSet">ISO-8859-1</eb:Property>  
<eb:Property name="CompressionType">application/gzip</eb:Property>  
</eb:PartProperties>  
</eb:PartInfo>  
<eb:PayloadInfo>  
<eb>UserMessage>  
<eb:Messaging>  
</S12:Header>  
2019-08-08 12:56:33,056: INFO - =====  
2019-08-08 12:56:33,061: DEBUG - Assign free vars  
2019-08-08 12:56:33,066: INFO - > CALL SLOT as4-adapter|8.sendMessage(byte[])  
2019-08-08 12:56:33,188: INFO - < SLOTTED as4-adapter|8.sendMessage(byte[])  
2019-08-08 12:56:33,194: INFO - < Rivet finished successfully  
2019-08-08 12:56:33,199: INFO - -----  
  
2019-08-08 12:56:33,204: INFO - > RUN RIVET 3  
2019-08-08 12:56:33,209: DEBUG - > Wait For Signal:as4-adapter|8.replyReceived(byte[])  
2019-08-08 12:56:33,214: DEBUG - < Signal Arrived: as4-adapter|8.replyReceived(byte[])  
2019-08-08 12:56:33,221: INFO - =====  
2019-08-08 12:56:33,227: INFO - RECEIPT:  
2019-08-08 12:56:33,232: INFO - <?xml version="1.0" encoding="UTF-8"?>  
<S12:Header xmlns:S12="http://www.w3.org/2003/05/soap-envelope">  
<wsse:Security xmlns:wsse="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-wsse-security-secext-1.0.xsd"  
xmlns:wsu="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-wsse-security-utility-1.0.xsd"  
S12:mustUnderstand="true">  
<wsse:BinarySecurityToken EncodingType="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-soap-message-security-1.0#Base64Binary"  
ValueType="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-x509-token-profile-1.0#X509v3"  
wsu:id="#X509-84d7f8ed-7ef3-4bb7-807f-  
5dbd1547a76a">MIIDdzCCAlgAwIBAgIEa5bQAjANBgkqhkiG9w0BAQsFADBBMQswCQYDVQQGEwJVTERMA8GA1UECBMlchGhvcc3MtYzIxMTExMDYyWJlE0ZUyMFowbDELMAKGA1UEBnMCRCVRxETAPBgNVBAgTCHBob3NzLWMzMREwDwYDVQQLDEwhwaG9zc  
y1jMzCCAStWDQYJKoZIhvcNAQEBAADggEPADCCAQoCcggEBARWo9a7DiX0yH+OACnX8hUbbtChluiSdeucPI2fnfWh8XorPka5rSiRJB6tBU6AC/pNFk3EdtlhPxFs5AjzJ6c5U8okM  
36R8jZdry5hfodQtGrInTBXNGaE2qxvdrrJhiZPHguNYe7sRgAyd2kFWWRUXaq8uAD23DBG9X1r8dDscSApnrUx4LF8SlqqwrSBtkOU1fykoAdsoDZHHEMMMM4klOb9/GWmfFcH  
AGZ5UJYI5PG2lljWCrdi4c3/AJOIMMWzeWdvUFxp2doq1Aua9L3bbply7DDvbAbtvASwlk5QjQrfVX0u3Fo5BkkeloF5TH4nOrMLKOAYcCAweAAAMhMB8WHQYDVR0OBByEFPPzbvaU9  
/ZAALJgmQCktsgdsXG/MAOQGCSib3DOQBECwUA4ABAQBHGWSGC7vPMYru8b4Cgv3E3YeXIUPDYn3JOBDDJevBhSIFFjdZlbP1EGCB8ylXD0d6/atwtbiX2+p+od3q+4/ZuB2ktGJSdr  
51lQR/DhaJo3GL7GcmSASWG3YjffX1/Yu6Voags/zYmflVrnatHuD1YG4c6Zbf5P3vw0xVHNHTTFDB8Zp9mkPKPJ3m2oFi2JODZagoTv/GeZaHPVU58bQ+KiZ8EvZvPoPiXty4AUld4d  
ILSEGHDPqFO6VLBYM43DUWFob4i9lybn6IZkdAc3GSZIDkZsvTmbue2QN+sMp3VrpL3fMU9ig182qlDHCmgx17/hajji+/-wsse:BinarySecurityToken>  
</Signature xmlns:ds="http://www.w3.org/2000/09/xmldsig#">  
id="#SIG-42255f3f-9650-4de9-b506-ec32a2e3d30f">  
</ds:SignedInfo>  
<ds:CanonicalizationMethod Algorithm="http://www.w3.org/2001/10/xml-exc-c14n#">  
<ec:InclusiveNamespaces xmlns:ec="http://www.w3.org/2001/10/xml-exc-c14n#" PrefixList="#S12"/>  
</ds:CanonicalizationMethod>  
<ds:SignatureMethod Algorithm="http://www.w3.org/2001/04/xmldsig-more#rsa-sha256"/>  
<ds:Reference URI="#phase4-msg-1f5d2bfd-ea7c-4817-8317-324e283ec672">  
<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>uL0TLnL3ztZ4CNTYus+Ye9a15VPyqEFIHHrlMsJp99bE=</ds:DigestValue>  
</ds:Reference>  
<ds:Reference URI="#id-2ae6f629-d4df-4659-bad2-6076b6563fe2">  
<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>Gy1nVMf+OR6hXW9jb4vOZ88/bold28x2UYO9xtWMEZ0=</ds:DigestValue>  
</ds:Reference>  
</ds:SignedInfo>  
<ds:SignatureValue>brpRA0OyfKg3Nt6zu0jp57xx3RUJF562KKKT8ICA YHK7IUONitW7he2mTPUXdiLULNa8mY7wedRdkdwSu43VrDXpROFFsJYn4dqZKoVKOT6HgBXD3Or6qmU6h  
Bz9AoabIPMIxStfL26jkI34kmWL6tu7dgkn+uDZCYq2+EsqTKmqJ8JUeuXS+rAOQJMimpELBiRnWYYwOk6sezbyZP70wmmlxfItK2djwuX2/GpdO8VTWB2TR1/9lmPlwFMNm5bgdt4wAhV  
K2woagGFfOIOl2mosDaXP/5KLRF04uYDSIoIAdbkhfi/dELBoyUn+u+FtoeqPvhlyYoI7a5w==</ds:SignatureValue>  
<ds:KeyInfo Id="#KI-Of76958e-ec89-4b86-85e3-3eec4b807eaf">  
<wsse:SecurityTokenReference wsu:id="#STR-80abb208-e473-421c-9081-4e82db842d51">  
<wsse:Reference URI="#X509-84d7f8ed-7ef3-4bb7-807f-5dbd1547a76a"  
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:S11="http://schemas.xmlsoap.org/soap/envelope/"
```

```
xmlns:ebbp="http://docs.oasis-open.org/ebxml-bp/ebbp-signals-2.0"
xmlns:wsu="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-wssecurity-utility-1.0.xsd"
xmlns:ds="http://www.w3.org/2000/09/xmldsig#"
xmlns:xlink="http://www.w3.org/1999/xlink"
S12:mustUnderstand="true"
wsu:Id="phase4-msg-1f5d2bfd-ea7c-4817-8317-324e283ec672">
<eb:SignalMessage>
<eb:MessageInfo>
<eb:Timestamp>2019-08-08T12:56:38.222</eb:Timestamp>
<eb:MessageId>f0306651-413b-401c-ac48-035c02b55873@phase4</eb:MessageId>
<eb:RefToMessageId>b38bcb93-d66a-4ca6-8e1c-9479f66b5f93@mindentestbed.org</eb:RefToMessageId>
</eb:MessageInfo>
<eb:Receipt>
<ebbp:NonRepudiationInformation>
<ebbp:MessagePartNRInformation>
<ds:Reference URI="#phase4-msg-be6f664e-5de0-45bb-ba7a-eee637b26b9f">
<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>WgwkxIFDXgHUtUwJuThZV0f/k+D7jz20FuXuDM1bOOY=</ds:DigestValue>
</ds:Reference>
</ebbp:MessagePartNRInformation>
<ebbp:MessagePartNRInformation>
<ds:Reference URI="#id-98680297-772a-4aca-83fb-beb645434b93">
<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>9KQOztZtFgLXG7fq6m09aRBsPcM1VAhf4AJKjwG9bQl=</ds:DigestValue>
</ds:Reference>
</ebbp:MessagePartNRInformation>
<ebbp:MessagePartNRInformation>
<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+tbfUO3wVjI811CUMDvel8LpSJ14o=</ds:DigestValue>
</ds:Reference>
</ebbp:MessagePartNRInformation>
<ebbp:MessagePartNRInformation>
<ds:Reference URI="cid:custompayload@minder">
<ds:Transforms>
<ds:Transform Algorithm="http://docs.oasis-open.org/wss/oasis-wss-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>
</ebbp:MessagePartNRInformation>
</ebbp:NonRepudiationInformation>
</eb:Receipt>
</eb:SignalMessage>
</eb:Messaging>
</S12:Header>
2019-08-08 12:56:33,237: INFO - =====
2019-08-08 12:56:33,243: DEBUG - Assign free vars
2019-08-08 12:56:33,248: INFO - > CALL SLOT as4-adapter[8.sendResponse(byte[])]
2019-08-08 12:56:33,255: INFO - < SLOT CALLED as4-adapter[8.sendResponse(byte[])]
2019-08-08 12:56:33,260: INFO - < Rivet finished sucessfully
2019-08-08 12:56:33,265: INFO - -----

2019-08-08 12:56:33,270: INFO - > RUN RIVET 4
2019-08-08 12:56:33,276: DEBUG - > Wait For Signal:genericAS4Corner4[8.receiveMessage(esens.wp6.esensMshBackend.SubmissionData)]
2019-08-08 12:56:34,446: DEBUG - < Signal Arrived: genericAS4Corner4[8.receiveMessage(esens.wp6.esensMshBackend.SubmissionData)]
2019-08-08 12:56:34,455: INFO - =====
2019-08-08 12:56:34,460: INFO - Corner4 Received Payloads:
2019-08-08 12:56:34,465: INFO - Data
2019-08-08 12:56:34,470: INFO - originalSender: C1
2019-08-08 12:56:34,476: INFO - finalRecipient: C4
2019-08-08 12:56:34,481: INFO - refToMessageId: null
2019-08-08 12:56:34,486: INFO - conversationId: 496633
2019-08-08 12:56:34,491: INFO - messageId: b38bcb93-d66a-4ca6-8e1c-9479f66b5f93@mindentestbed.org
2019-08-08 12:56:34,496: INFO - to: Minder
2019-08-08 12:56:34,503: INFO - from: null
2019-08-08 12:56:34,508: INFO - pModelId: null
2019-08-08 12:56:34,513: INFO - =====
2019-08-08 12:56:34,520: INFO - payloadId: xmlpayload@minder == type: application/xml.
2019-08-08 12:56:34,525: INFO - <min><der>sample</der></min>
2019-08-08 12:56:34,530: INFO - payloadId: custompayload@minder == type: application/octet-stream.
2019-08-08 12:56:34,535: INFO - !! Modify me after submission, if you dare!!
2019-08-08 12:56:34,540: INFO - =====
2019-08-08 12:56:34,546: DEBUG - Assign free vars
2019-08-08 12:56:34,551: INFO - > CALL SLOT NULLADAPTER.NULLSLOT
2019-08-08 12:56:34,556: INFO - < SLOT CALLED NULLADAPTER.NULLSLOT
2019-08-08 12:56:34,561: INFO - < Rivet finished sucessfully
2019-08-08 12:56:34,567: INFO - -----

2019-08-08 12:56:34,572: INFO - > RUN RIVET 5
2019-08-08 12:56:34,577: DEBUG - > Wait For Signal:genericAS4Corner1[8.processNotification(esens.wp6.esensMshBackend.MessageNotification)]
2019-08-08 12:56:34,582: DEBUG - < Signal Arrived: genericAS4Corner1[8.processNotification(esens.wp6.esensMshBackend.MessageNotification)]
2019-08-08 12:56:34,591: INFO - =====
2019-08-08 12:56:34,596: INFO - Corner1/4 backend NOTIFICATION
2019-08-08 12:56:34,601: INFO - status :Receipt
2019-08-08 12:56:34,606: INFO - messageId: b38bcb93-d66a-4ca6-8e1c-9479f66b5f93@mindentestbed.org
2019-08-08 12:56:34,611: INFO - shortDescription: null
2019-08-08 12:56:34,617: INFO - descriptionnull
2019-08-08 12:56:34,622: INFO - =====
2019-08-08 12:56:34,628: DEBUG - Assign free vars
2019-08-08 12:56:34,633: INFO - > CALL SLOT NULLADAPTER.NULLSLOT
2019-08-08 12:56:34,639: INFO - < SLOT CALLED NULLADAPTER.NULLSLOT
2019-08-08 12:56:34,644: INFO - < Rivet finished sucessfully
2019-08-08 12:56:34,649: INFO - -----

2019-08-08 12:56:34,654: INFO - > RUN RIVET 6
```

```
2019-08-08 12:56:34,659: DEBUG - Assign free vars
2019-08-08 12:56:34,665: INFO - > CALL SLOT genericAS4Corner4[8.submitMessage(esens.wp6.esensMshBackend.SubmissionData)
2019-08-08 12:56:34,868: INFO - < SLOT CALLED genericAS4Corner4[8.submitMessage(esens.wp6.esensMshBackend.SubmissionData)
2019-08-08 12:56:34,873: INFO - < Rivet finished sucessfully
2019-08-08 12:56:34,879: INFO - -----

2019-08-08 12:56:34,884: INFO - > RUN RIVET 7
2019-08-08 12:56:34,889: DEBUG - > Wait For Signal:as4-adapter[8.messageReceived(byte[]])
2019-08-08 12:56:35,939: DEBUG - < Signal Arrived: as4-adapter[8.messageReceived(byte[]])
2019-08-08 12:56:35,945: INFO - =====
2019-08-08 12:56:35,951: INFO - C3 AS4 Message ...
2019-08-08 12:56:35,967: INFO - Attachments:
2019-08-08 12:56:35,973: INFO - =====
2019-08-08 12:56:35,979: INFO - Attachment ID: <xmldata@minder>, MimeType: application/gzip
2019-08-08 12:56:35,984: INFO - Compressed HEX payload: 1F8B0800000000000000B3C9DCDCB3B349492DB22B4ECC2DC849B5D107B16DF441C2007E6CD3781C000000
2019-08-08 12:56:35,989: INFO - Decompressed Payload: <min><der>sample</der></min>
2019-08-08 12:56:35,994: INFO -
2019-08-08 12:56:36,000: INFO - =====
2019-08-08 12:56:36,005: INFO - Attachment ID: <custompayload@minder>, MimeType: application/gzip
2019-08-08 12:56:36,010: INFO - Compressed HEX payload:
1F8B080000000000000000535454F0CD4FC94CAB54C84D55484C2B492D5228E4DCACD2C2ECECCCCF351C84C53A8CC2F5548492C4A555404006FDE25E2C000000
2019-08-08 12:56:36,015: INFO - Decompressed Payload: !! Modify me after submission, if you dare!!
2019-08-08 12:56:36,021: INFO -
2019-08-08 12:56:36,026: INFO - =====
2019-08-08 12:56:36,031: INFO - =====
2019-08-08 12:56:36,038: INFO - SOAP HEADER:
2019-08-08 12:56:36,043: INFO - <?xml version="1.0" encoding="UTF-8"?>
<S12:Header xmlns:S12="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"
xmlns:wsu="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-wssecurity-utility-1.0.xsd"
S12:mustUnderstand="true">
<wsse:BinarySecurityToken EncodingType="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-soap-message-security-1.0#Base64Binary"
ValueType="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-x509-token-profile-1.0#X509v3"
wsu:Id="G95f51d98-cdb4-4e3e-83ae-
b644a73103b1">MIIddzCCAI+gAwIABAgIEWYzEPJANBgkqhkiG9w0BAQsFADBBAQswCQYDVQQGEwJFVTERMA8GA1UECBMicGhvc3MtYzlxETAPBgNVBACtCHBob3NzLWMyMREw
DwYDVQKEwHwaG9zcy1jMjERMA8GA1UECXMicGhvc3MtYzlxETAPBgNVBAMTCHBob3NzLWMyMREwDwYDVQKEwHwaG9zcy1jMjERMA8GA1UECXMicGhvc3MtYzlxETAPBgNVBAsTCHBob3NzLWMyMREwDwYDVQKEwHwaG9zcy1jMj
jCCASiwwDQYJKoZIhvcNAQEBBQADggEPADCCAQoCggEBAlI2bXkvxzZUZYraMsdJqDqWdQRSCA0fRV7z6eQNjPL6PH7OUOjaErfl/sDz5oHMTT/YbAqk9ZpqiFkb05ZrnNBkaONLC/TMX
q8pcZP2IKyO6p05Y27ZKlpuWVo8+xttYTk+QGWOAZkEOU3Zw7e7UnLOSpuMzA4pLuSf540ljGzoUBWYR6JPUUalWbCK7+irDN95F4soCYAggP3jlwalWiJmJHZC4dqNk2S3ev3D5/chxm
EApXBBFFQoXoNko047XqGL5U2gqNKwUIOeCvLw+1CJKAQJZwFEM1i+FsPQ0PbvZ2xJgXJleOZY57IplV1Cv8736Q++cekCtDaq93cCAwEAaAMHB8wHQYDVR0OBBYEFdVvAD1
9aj0iOrgyeV5lrrkkQyOYMAOGCSqGSib3DQEBcwUAA4IBAQB+9+ci0fGG3un06F18KdsAcnx+a8Ra0SUQpmYuXBfGwxjUn7IUANARxoo1KUa1dLRt9GMjJelPY/hZmtaSpptychSuB119rN
aU1lN8rVWkK3mEarwFyBOeNPhvSUBnTJaTdyUvQeLDXIKJEhcVvHbUiCaRswPGOPUUF7/1L7JBTHStB3RPCi8kDi2kCQzBWVMsb83aURq/+fj84jC1xsQMWFQqXA0mqmRnTmtQ5g
HCKJTfOpKpx88YKWLh+/Vx5yV7nGiIF+gz7OpeFRkq1ocU3BZLYti8GT29j0z9i9662C5pRknilvW7amHIZiUGfPoiWJm3zHu8J9P6m7d/4</wsse:BinarySecurityToken>
<xenc:EncryptedKey xmlns:xenc="http://www.w3.org/2001/04/xmenc#"
Id="EK-4606c4f4-d900-4df1-90b7-f813dde8abbc">
<xenc:EncryptionMethod Algorithm="http://www.w3.org/2009/xmenc11#rsa-oaep">
<ds:DigestMethod xmlns:ds="http://www.w3.org/2000/09/xmldsig#"
Algorithm="http://www.w3.org/2001/04/xmenc#sha256"/>
<xenc11:MGF xmlns:xenc11="http://www.w3.org/2009/xmenc11#"
Algorithm="http://www.w3.org/2009/xmenc11#mgf1sha256"/>
</xenc:EncryptionMethod>
<ds:KeyInfo xmlns:ds="http://www.w3.org/2000/09/xmldsig#">
<wsse:SecurityTokenReference>
<wsse:Reference URI="G95f51d98-cdb4-4e3e-83ae-b644a73103b1"
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=ErWnKiCdBU+4NGnz0UilKLyVEI46oM4ANLvjB86LEG37BUDGTv6b8XoB/B/poZUWZxIO55MCUtU5RDtM5Qa+KEB59NV1aN50ChcdLyKO1AR5y1yli2cPjKxqIB9N
llupJH55fJz3oFeMWFMOFRU14mGzDbsCqjClyIEv4S73A+GrueV7iv9O/zeRU96pq9GxLtJpY//cl5K/aaGF3Kyf7QT1OF9EwzzX+RnpgJn6tNhVE23gXecxxLeQIWxNi5+cFpOeKRN/XC5u
mJGZvRlA/c64NMgdI5Rzd20a/cK5ih1zy+AwoWtlqrN6dLcbOguhWDRARp1XurEbcV7QdTW==</xenc:CipherValue>
</xenc:CipherData>
<xenc:ReferenceList>
<xenc:DataReference URI="#ED-38f193c3-2faf-4f01-b832-3170b70fc3d"/>
<xenc:DataReference URI="#ED-eedeb1d0-b0e2-42a7-8e6f-64fd184efce9"/>
</xenc:ReferenceList>
<xenc:EncryptedKey>
<xenc:EncryptedData xmlns:xenc="http://www.w3.org/2001/04/xmenc#"
Id="ED-eedeb1d0-b0e2-42a7-8e6f-64fd184efce9"
MimeType="application/gzip"
Type="http://docs.oasis-open.org/wss/oasis-wss-SwAProfile-1.1#Attachment-Content-Only">
<xenc:EncryptionMethod Algorithm="http://www.w3.org/2009/xmenc11#aes128-gcm"/>
<ds:KeyInfo xmlns:ds="http://www.w3.org/2000/09/xmldsig#">
<wsse:SecurityTokenReference xmlns:wsse11="http://docs.oasis-open.org/wss/oasis-wss-wssecurity-secext-1.1.xsd"
wsse11:TokenType="http://docs.oasis-open.org/wss/oasis-wss-soap-message-security-1.1#EncryptedKey">
<wsse:Reference URI="#EK-4606c4f4-d900-4df1-90b7-f813dde8abbc"/>
</wsse:SecurityTokenReference>
</ds:KeyInfo>
<xenc:CipherData>
<xenc:CipherReference URI="cid:custompayload@minder">
<xenc:Transforms>
<ds:Transform xmlns:ds="http://www.w3.org/2000/09/xmldsig#"
Algorithm="http://docs.oasis-open.org/wss/oasis-wss-SwAProfile-1.1#Attachment-Ciphertext-Transform"/>
</ds:Transform>
</xenc:Transforms>
</xenc:CipherReference>
</xenc:CipherData>
<xenc:EncryptedData>
<xenc:EncryptedData xmlns:xenc="http://www.w3.org/2001/04/xmenc#"
Id="ED-38f193c3-2faf-4f01-b832-3170b70fc3d"
MimeType="application/gzip"
Type="http://docs.oasis-open.org/wss/oasis-wss-SwAProfile-1.1#Attachment-Content-Only">
<xenc:EncryptionMethod Algorithm="http://www.w3.org/2009/xmenc11#aes128-gcm"/>
<ds:KeyInfo xmlns:ds="http://www.w3.org/2000/09/xmldsig#">
<wsse:SecurityTokenReference xmlns:wsse11="http://docs.oasis-open.org/wss/oasis-wss-wssecurity-secext-1.1.xsd"
wsse11:TokenType="http://docs.oasis-open.org/wss/oasis-wss-soap-message-security-1.1#EncryptedKey">
<wsse:Reference URI="#EK-4606c4f4-d900-4df1-90b7-f813dde8abbc"/>
</wsse:SecurityTokenReference>
</ds:KeyInfo>
<xenc:CipherData>
<xenc:CipherReference URI="cid:xmldata@minder">
<xenc:Transforms>
<ds:Transform xmlns:ds="http://www.w3.org/2000/09/xmldsig#"
Algorithm="http://docs.oasis-open.org/wss/oasis-wss-SwAProfile-1.1#Attachment-Ciphertext-Transform"/>
</ds: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="X509-c1551bd5-970d-4884-b530-
3e560068545b">MIIDdzCAI+gAwIBAgIEa5bQAJANBgkqhkiG9w0BAQsFADBbMQswCQYDVQQGEwJFVTERMA8GA1UECBMlGhvc3MtYzIxMzETAPBgNVBAClTCHBob3NzLWZmZMRew
DwYDVQQKEWhwaG9zcy1jMzERMA8GA1UECzMlcGhvc3MtYzIxMzETAPBgNVBAMTCHBob3NzLWZmZMRewDwYDVQQHEWhwaG9zcy1jMzERMA8GA1UEChMlcGhvc3MtYzIxMzETAPBgNVBAsTCHBob3NzLWZmZMRewDwYDVQQDEWhwaG9zc
hMCRVUxEtAPBgNVBAGTCHBob3NzLWZmZMRewDwYDVQQHEWhwaG9zcy1jMzERMA8GA1UEChMlcGhvc3MtYzIxMzETAPBgNVBAsTCHBob3NzLWZmZMRewDwYDVQQDEWhwaG9zc
y1jMzCCASlwDQYJKoZIhvcNAQEBBQADggEPADCCAQoCggEBAJrgRWo9a7DiX0yH+0ACnX8hUbbtCHlulSdeucPI2fnfWh8XorPka5rSIRJb61bU6AC/pNFK3EdtlhPxFs5AjzJ6c5U8okM
36R8Jzdry5hfoctQqRinTBXNgaE2xqvdjrJhiZPHGuNYe7sRgAyd2kFvWRuXAq8uAD23DBG9X1r8dDscSAPnrUx4LF8SlqqwrSbtk0OU1fykoADsoDZhrkVc3oDHEMMMM4kiOb9/GWmFcH
AzGSUJY15PG2lJjWCRDi4c3/Aj0MIMWZeWdVufXpv2doQ11Aua9L3bbblpy7DDvAbtvASwLk5qJqfVX0u3Fxo5BkkeloF5TH4n0RmLKOAYcCAwEAAAMhMB8wHQYDVR0OBbYEFZzbvaU9
/2QALJgMqCkISgdSxG/MAOGCSqGSilb3DQEBECwUAA4IBAQBHGWsgC7vPMYru8b4Cgv3E3YeXIUPDYn3jOBDZJevBhSIFPjdZ7IbP1EGcB8yIXD0d6/atwTbiX2+P+od3q+4/ZuB2ktGJSdr
511QrM/DhaJo/3GL7GcmSASWG3YjffX1/Yu6Voga/sZYmflVrnatHuD1YG4c6Zbf5P3vw0xVHNTtTfDB8Zp9mKPKPJ3m2sOFil2JODzAgoTf/GeZaXHPVU58bQ+KiZ8EvZvPoPiXty4aUlx4d
ILSEGHdQppO6vVLBYM43DUwFob4i9Iybn6iZkDAc3GSZIDkZsvTmbUe2QNs+Mqp3VrPl3fMU9ig182UqlDHCmGx1/7/haJji+</wsse:BinarySecurityToken>
<ds:Signature xmlns:ds="http://www.w3.org/2000/09/xmldsig#"
Id="SIG-8f5b40b6-c405-4581-8140-38df64fdb51d">
<ds:SignedInfo>
<ds:CanonicalizationMethod Algorithm="http://www.w3.org/2001/10/xml-exc-c14n#">
<ec:InclusiveNamespaces xmlns:ec="http://www.w3.org/2001/10/xml-exc-c14n#" PrefixList="S12"/>
</ds:CanonicalizationMethod>
<ds:SignatureMethod Algorithm="http://www.w3.org/2001/04/xmldsig-more#rsa-sha256"/>
<ds:Reference URI="#phase4-msg-7e900c05-fb6f-499d-abe4-396939c7c29d">
<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>EuzpxlxK54XCmkmAZtGYBEZ9xOMh9MNPLu7QbRqlclw=</ds:DigestValue>
</ds:Reference>
<ds:Reference URI="#id-9b92edb6-7db3-45cb-ba32-f4e889909803">
<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>IJ5TK2arN0kZ0u2f8S0iB/1tETKt5Zu/fgheCrrnVB1w=</ds:DigestValue>
</ds:Reference>
<ds:Reference URI="cid:xmldata@minder">
<ds:Transforms>
<ds:Transform Algorithm="http://docs.oasis-open.org/wss/oasis-wss-SwAProfile-1.1#Attachment-Content-Signature-Transform"/>
</ds:Transforms>
<ds:DigestMethod Algorithm="http://www.w3.org/2001/04/xmenc#sha256"/>
<ds:DigestValue>yqDt8JU9CgV+e+tbfUO3wVjI811CUMDvel8LpSJ14o=</ds:DigestValue>
</ds:Reference>
<ds:Reference URI="cid:custompayload@minder">
<ds:Transforms>
<ds:Transform Algorithm="http://docs.oasis-open.org/wss/oasis-wss-SwAProfile-1.1#Attachment-Content-Signature-Transform"/>
</ds:Transforms>
<ds:DigestMethod Algorithm="http://www.w3.org/2001/04/xmenc#sha256"/>
<ds:DigestValue>r7CBJbov5qfQij53dkc1t13rbaTa3dKkqkCR5ankrf0=</ds:DigestValue>
</ds:Reference>
</ds:SignedInfo>
<ds:SignatureValue>hmHqP7ab/6itJQix3Mn2kJKglrN0AwNvgllks0Oluwckw3b95BsEIKYiAyW3ZEX4bAi8nEbMU9AvY3Kif6nMZwo+5Xbe+MZHJt1rBOD1i+rNjVT6FghsoniwueMacAeJ
/KEd5tiUujb60c/r/7yozqgJbHzejWq0eSHQVcn4uNo7NcJqBvsxEMAGrdy3uXOwi5p69YCYDYy73WKhsY+vtGiXVlcQzNB9ddazlj1GjhB4CPQzspKXw9niOGel1DRTSc3glpOG4Vp2/E
mD+ZX3yQGvKWpQDVHXLU566FEXZcYO4cuQzvWhdml7QvqpgcbPaMlxXQ6BM/ly36HEw==</ds:SignatureValue>
<ds:KeyInfo Id="KI-f49e13a5-319b-4bc8-a375-a0b3d13ef0db">
<wsse:SecurityTokenReference wsu:Id="STR-bf5be3c0-bf69-4185-8533-52bf157acb4a">
<wsse:Reference URI="#X509-c1551bd5-970d-4884-b530-3e560068545b"
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:S11="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:ebbp="http://docs.oasis-open.org/ebxml-msg/ebbp-signals-2.0"
xmlns:wsu="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-wssecurity-utility-1.0.xsd"
xmlns:ds="http://www.w3.org/2000/09/xmldsig#"
xmlns:xlink="http://www.w3.org/1999/xlink"
S12:mustUnderstand="true"
wsu:Id="phase4-msg-7e900c05-fb6f-499d-abe4-396939c7c29d">
<eb:UserMessage>
<eb:MessageInfo>
<eb:Timestamp>2019-08-08T12:56:40.826</eb:Timestamp>
<eb:MessageId>c6062911-f1bf-4eea-aea8-18c73167922e@mindertestbed.org</eb:MessageId>
<eb:RefToMessageId>b38bcb93-d66a-4ca6-8e1c-9479f66b5f93@mindertestbed.org</eb:RefToMessageId>
</eb:MessageInfo>
<eb:PartyInfo>
<eb:From>
<eb:PartyId>phoss-c3</eb:PartyId>
<eb:Role>http://www.esens.eu/as4/conformancetest/sut</eb:Role>
</eb:From>
<eb:To>
<eb:PartyId>phoss-c2</eb:PartyId>
<eb:Role>http://docs.oasis-open.org/ebxml-msg/ebms/v3.0/ns/core/200704/initiator</eb:Role>
</eb:To>
</eb:PartyInfo>
<eb:CollaborationInfo>
<eb:AgreementRef pmode="phoss-c3-phoss-c2">urn:as4:agreement</eb:AgreementRef>
<eb:Service>SRV_SIMPLE_TWOWAY</eb:Service>
<eb:Action>ACT_SIMPLE_TWOWAY</eb:Action>
<eb:ConversationId>496633</eb:ConversationId>
</eb:CollaborationInfo>
<eb:MessageProperties>
<eb:Property name="originalSender">C4</eb:Property>
<eb:Property name="finalRecipient">C1</eb:Property>
</eb:MessageProperties>
<eb:PayloadInfo>
<eb:PartInfo href="cid:xmldata@minder">
<eb:PartProperties>
<eb:Property name="MimeType">application/xml</eb:Property>
<eb:Property name="CharacterSet">ISO-8859-1</eb:Property>
<eb:Property name="CompressionType">application/gzip</eb:Property>
</eb:PartProperties>
</eb:PartInfo>
<eb:PartInfo href="cid:custompayload@minder">
<eb:PartProperties>
```

```
<eb:Property name="MimeType">application/octet-stream</eb:Property>
<eb:Property name="CharacterSet">ISO-8859-1</eb:Property>
<eb:Property name="CompressionType">application/gzip</eb:Property>
</eb:PartProperties>
</eb:PartInfo>
<eb:PayloadInfo>
<eb:UserMessage>
</eb:Messaging>
</S12:Header>
2019-08-08 12:56:36,048: INFO - =====
2019-08-08 12:56:36,053: DEBUG - Assign free vars
2019-08-08 12:56:36,059: INFO - > CALL SLOT as4-adapter[8.sendMessage(byte[]])
2019-08-08 12:56:36,188: INFO - < SLOT CALLED as4-adapter[8.sendMessage(byte[]])
2019-08-08 12:56:36,193: INFO - < Rivet finished sucessfully
2019-08-08 12:56:36,198: INFO - -----

2019-08-08 12:56:36,203: INFO - > RUN RIVET 8
2019-08-08 12:56:36,208: DEBUG - > Wait For Signal:as4-adapter[8.replyReceived(byte[]])
2019-08-08 12:56:36,214: DEBUG - < Signal Arrived: as4-adapter[8.replyReceived(byte[]])
2019-08-08 12:56:36,221: INFO - RECEIPT:
2019-08-08 12:56:36,226: INFO - <?xml version="1.0" encoding="UTF-8"?>
<S12:Header xmlns:S12="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"
xmlns:wsu="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-wssecurity-utility-1.0.xsd"
S12:mustUnderstand="true">
<wsse:BinarySecurityToken EncodingType="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-soap-message-security-1.0#Base64Binary"
ValueType="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-x509-token-profile-1.0#X509v3"
wsu:Id="X509-b5cb8cf0-24ee-458f-ac5f-ede3b6c9e1d7">MIIDdzCCA1gAwIBAgIEWYzEPjANBgkqhkiG9w0BAQsFADBbMQswCQYDVQQGEwJFVTERMA8GA1UECBMicGhvc3MtYzlxETAPBgNVBACtCHBob3NzLWMyMREw
DrYDVQQKEwhtG9zcy1jMjERMA8GA1UECXMicGhvc3MtYzlxETAPBgNVBAMTCHBob3NzLWMyMREwDwYDVQDEwhtG9zcy1jMjERMA8GA1UECjMicGhvc3MtYzlxETAPBgNVBAsTCHBob3NzLWMyMREwDwYDVQDEwhtG9zcy1jMj
cCAStHwDQYJKoZIhvcNAQEBBQADggEPADCCAQoCggEBAlI2bXkvxzZUZyRaMsdJqDqWDqRSCA0fRV726eQNjpl6PH7OUOjaErfI/sDz5oHMTT/YbAqk9ZpqiFkb05ZrnNBkaONLCTMX
q8pcZP2iKyO6p05Y27ZKlpuWVo8+xttYTk+QGWOAZkEOU3Zw7e7UnLOSpuMzA4pLuSf540ljGzoUBWYR6JPUUaIWbCk7+irDN95F4soCYAggP3jlwalWiJmJHZC4dqNk2S3ev3D5/chxm
EApXBBFFQoXoNk0047XqGL5U2gqNkUwI0eCvLw+1CJKAAGCJzwfE/IM1i+FspQ0PbvZ2xJgXJleoZY57lPlV1Cv8736Q++cekCtDaq93cCAwEAaMhMB8wHQYDVVR00BBYEFDFwvAD1
9aj0IOrgyeV5lrkk0qyOYMA0GCsQGSib3DQEBcWUAA4IBAQB+9+ci0fGG3un06F18KdsAcnX+a8Ra0SUQpmYuXBfGwxJUn7IUANARxoo1KUa1dLYRt9GMjJeIPY/hZmtaSptychSuB119N
aU1lN8rVWkk3mEarwFYBoENPhvSUBnTJaTdwyUvQeLDXIKJEhcVwHbUICaRswPGOPUUF7/1L7JBTHSb3RPPC8KD2KcQzBWVMSb83aURq/-fj84jC1xsQMWWFIQXaA0mqRmTNTQ5g
HCkTjT0pKpx88YKWLh+/Vx5yV7nGiif+gz7OpeFRkq1ocU3BZLGYti8GT29j0z9i966ZC5pRknvlw7amHlZiUGfPoiWJm3zHu8J9P6m7d/4</wsse:BinarySecurityToken>
<ds:Signature xmlns:ds="http://www.w3.org/2000/09/xmldsig#"
Id="SIG-d91150b8-a632-4917-bab8-e4b5073e7532">
<ds:SignedInfo>
<ds:CanonicalizationMethod Algorithm="http://www.w3.org/2001/10/xml-exc-c14n#">
<ec:InclusiveNamespaces xmlns:ec="http://www.w3.org/2001/10/xml-exc-c14n#" PrefixList="S12"/>
</ds:CanonicalizationMethod>
<ds:SignatureMethod Algorithm="http://www.w3.org/2001/04/xmldsig-more#rsa-sha256"/>
<ds:Reference URI="#phase4-msg-e4b90e90-2417-4031-bfdd-afaffe781156">
<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>uv31DU7SUvUCX7oUQfR2l7JeyMVPd6xa/FpPIV6kM8c=</ds:DigestValue>
</ds:Reference>
<ds:Reference URI="#id-58bb1bc6-7285-4cc0-a562-9318b12d0995">
<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>JD6g3t/5lw9iq9gDDeTG+HOWwbDLAN5SSxcMQXp6s=</ds:DigestValue>
</ds:Reference>
</ds:SignedInfo>
<ds:SignatureValue>V4N0ax1DvrPc+/dCogvuKHsDGOxVsJdVJG969/sxbqR3p3ySatykbyyW1ZlJrJdlQeyNbZEMDJXsISaFN0zNjazdf8roynDAs5h+5lojz1VROlgaobBqt5FT0N112EiWpxtl
b8YDK70YY4y+lrVfz0dw7x760BVKY0oizl5Q53WfUseTbD+Lfw5NNFIPpv5o6UTlF3/Qa5Cc27SUGACugqwcmlQN137KfYvTe8eN0ubRtCxr/w+LulT8BgXyYpM7Lawl6pl6Gwo6bLR4sl+G
ksYmdW41rMp8ptRleArg3/rYd3W7XqWQPdHsYD0m+bOrAtQL7/jpb6mAv6jg8lQ==</ds:SignatureValue>
<ds:KeyInfo Id="KI-86660e5b-895b-4702-916d-495f7c4b7124">
<wsse:SecurityTokenReference wsu:Id="STR-0f835f9c-4fef-4d8a-9569-0b9a08f08918">
<wsse:Reference URI="#X509-b5cb8cf0-24ee-458f-ac5f-ede3b6c9e1d7"
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:S11="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:ebbp="http://docs.oasis-open.org/ebxml-bp/ebbp-signals-2.0"
xmlns:wsu="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-wssecurity-utility-1.0.xsd"
xmlns:ds="http://www.w3.org/2000/09/xmldsig#"
xmlns:xlink="http://www.w3.org/1999/xlink"
S12:mustUnderstand="true"
wsu:Id="phase4-msg-e4b90e90-2417-4031-bfdd-afaffe781156">
<eb:SignalMessage>
<eb:MessageInfo>
<eb:Timestamp>2019-08-08T12:56:41.227</eb:Timestamp>
<eb:MessageId>0b763a97-e302-4563-a104-d1b89c298885@phase4</eb:MessageId>
<eb:RefToMessageId>c6062911-f1bf-4eea-aea8-18c73167922e@mindertestbed.org</eb:RefToMessageId>
</eb:MessageInfo>
<eb:Receipt>
<ebbp:NonRepudiationInformation>
<ebbp:MessagePartNRInformation>
<ds:Reference URI="#phase4-msg-7e900c05-fb6f-499d-abe4-396939c7c29d">
<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>EuzpxlxK54XCmkmAztGYBEZ9xOMh9MNPu7QbRqlcIw=</ds:DigestValue>
</ds:Reference>
</ebbp:MessagePartNRInformation>
<ebbp:MessagePartNRInformation>
<ds:Reference URI="#id-9b92edb6-7db3-45cb-ba32-f4e889909803">
<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>IJ5TK2arN0kzO2uf8S0iB/1tETKt5Zu/fgheCrnVB1w=</ds:DigestValue>
</ds:Reference>
</ebbp:MessagePartNRInformation>
<ebbp:MessagePartNRInformation>
```



```
<ds:Reference URI="cid:xmldata@minder">
<ds:Transforms>
<ds:Transform Algorithm="http://docs.oasis-open.org/wss/oasis-wss-SwAProfile-1.1#Attachment-Content-Signature-Transform"/>
</ds:Transforms>
<ds:DigestMethod Algorithm="http://www.w3.org/2001/04/xmldc#sha256"/>
<ds:DigestValue>yqD8JU9CgV+e+tbUO3wVjI811CUMDveI8LpSJ4o=</ds:DigestValue>
</ds:Reference>
</ebbp:MessagePartNRInformation>
<ebbp:MessagePartNRInformation>
<ds:Reference URI="cid:custompayload@minder">
<ds:Transforms>
<ds:Transform Algorithm="http://docs.oasis-open.org/wss/oasis-wss-SwAProfile-1.1#Attachment-Content-Signature-Transform"/>
</ds:Transforms>
<ds:DigestMethod Algorithm="http://www.w3.org/2001/04/xmldc#sha256"/>
<ds:DigestValue>r7CBjboV5qQij53dkc1t13rbaTa3dKkqkCR5ankr0=</ds:DigestValue>
</ds:Reference>
</ebbp:MessagePartNRInformation>
</ebbp:NonRepudiationInformation>
</eb:Receipt>
</eb:SignalMessage>
</eb:Messaging>
</S12:Header>
2019-08-08 12:56:36,231: INFO - =====
2019-08-08 12:56:36,237: DEBUG - Assign free vars
2019-08-08 12:56:36,242: INFO - > CALL SLOT as4-adapter[8.sendResponse(byte[])]
2019-08-08 12:56:36,248: INFO - < SLOT CALLED as4-adapter[8.sendResponse(byte[])]
2019-08-08 12:56:36,254: INFO - < Rivet finished sucessfully
2019-08-08 12:56:36,259: INFO - -----

2019-08-08 12:56:36,264: INFO - > RUN RIVET 9
2019-08-08 12:56:36,269: DEBUG - > Wait For Signal:genericAS4Corner1[8.receiveMessage(esens.wp6.esensMshBackend.SubmissionData)]
2019-08-08 12:56:37,364: DEBUG - < Signal Arrived: genericAS4Corner1[8.receiveMessage(esens.wp6.esensMshBackend.SubmissionData)]
2019-08-08 12:56:37,373: INFO - =====
2019-08-08 12:56:37,379: INFO - Corner1 Received Payloads:
2019-08-08 12:56:37,384: INFO - Data
2019-08-08 12:56:37,389: INFO - originalSender: C4
2019-08-08 12:56:37,394: INFO - finalRecipient: C1
2019-08-08 12:56:37,399: INFO - refToMessageId: null
2019-08-08 12:56:37,404: INFO - conversationId: 496633
2019-08-08 12:56:37,410: INFO - messageId: c6062911-f1bf-4eea-ae8-18c73167922e@mindertestbed.org
2019-08-08 12:56:37,415: INFO - to: Minder
2019-08-08 12:56:37,420: INFO - from: null
2019-08-08 12:56:37,425: INFO - pModelId: null
2019-08-08 12:56:37,430: INFO - =====
2019-08-08 12:56:37,437: INFO - payloadId: xmldata@minder == type: application/xml.
2019-08-08 12:56:37,442: INFO - <min><der>sample</der></min>
2019-08-08 12:56:37,447: INFO - payloadId: custompayload@minder == type: application/octet-stream.
2019-08-08 12:56:37,452: INFO - !! Modify me after submission, if you dare!!
2019-08-08 12:56:37,457: INFO - =====
2019-08-08 12:56:37,463: DEBUG - Assign free vars
2019-08-08 12:56:37,468: INFO - > CALL SLOT NULLADAPTER.NULLSLOT
2019-08-08 12:56:37,473: INFO - < SLOT CALLED NULLADAPTER.NULLSLOT
2019-08-08 12:56:37,478: INFO - < Rivet finished sucessfully
2019-08-08 12:56:37,483: INFO - -----

2019-08-08 12:56:37,489: INFO - > RUN RIVET 10
2019-08-08 12:56:37,494: DEBUG - > Wait For Signal:genericAS4Corner4[8.processNotification(esens.wp6.esensMshBackend.MessageNotification)]
2019-08-08 12:56:37,571: DEBUG - < Signal Arrived: genericAS4Corner4[8.processNotification(esens.wp6.esensMshBackend.MessageNotification)]
2019-08-08 12:56:37,578: INFO - =====
2019-08-08 12:56:37,584: INFO - Corner1/4 backend NOTIFICATION
2019-08-08 12:56:37,589: INFO - status :Receipt
2019-08-08 12:56:37,594: INFO - messageId: c6062911-f1bf-4eea-ae8-18c73167922e@mindertestbed.org
2019-08-08 12:56:37,599: INFO - shortDescription: null
2019-08-08 12:56:37,604: INFO - descriptionnull
2019-08-08 12:56:37,610: INFO - =====
2019-08-08 12:56:37,615: DEBUG - Assign free vars
2019-08-08 12:56:37,620: INFO - > CALL SLOT NULLADAPTER.NULLSLOT
2019-08-08 12:56:37,625: INFO - < SLOT CALLED NULLADAPTER.NULLSLOT
2019-08-08 12:56:37,630: INFO - < Rivet finished sucessfully
2019-08-08 12:56:37,635: INFO - -----

2019-08-08 12:56:37,641: INFO - Test #29774 Finished
```

Test Report - AS4_CP_TA21

Overview

Test Group:	AS4 Common Profile Test Assertions
Test Assertion:	AS4_CP_TA21
Test Case:	AS4_CP_TA21_TC01
User:	ROOT
Date:	2019.08.08 12:56:39
System(s) Tested:	1- Phase4

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

Test Assertion Details

TAID:	AS4_CP_TA21
Target:	AS4 Message format
Normative Source:	[eDelivery-AS4] "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 eDelivery AS4 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

```
2019-08-08 12:56:40,308: INFO - Minder version v2.3.0
2019-08-08 12:56:40,313: INFO - Start Test
2019-08-08 12:56:40,319: INFO - Initialize test case
2019-08-08 12:56:40,327: DEBUG - Parameters
2019-08-08 12:56:40,332: DEBUG - Corner2:phoss-c2
Corner3:phoss-c3
2019-08-08 12:56:40,337: INFO - > Initialize the Adapters
2019-08-08 12:56:40,342: INFO - Call start test on NULLADAPTER
2019-08-08 12:56:40,347: INFO - Obtain SUT Identifiers from NULLADAPTER
2019-08-08 12:56:40,353: INFO - Call start test on as4-adapter
2019-08-08 12:56:40,359: INFO - Obtain SUT Identifiers from as4-adapter
2019-08-08 12:56:40,365: INFO - System Under Test: Phase4
2019-08-08 12:56:40,370: INFO - System Under Test: Phase4
2019-08-08 12:56:40,375: INFO - Call start test on genericAS4Corner4
2019-08-08 12:56:40,381: INFO - Obtain SUT Identifiers from genericAS4Corner4
2019-08-08 12:56:40,387: INFO - Call start test on genericAS4Corner1
2019-08-08 12:56:40,393: INFO - Obtain SUT Identifiers from genericAS4Corner1
2019-08-08 12:56:40,398: INFO - > RUN RIVET 0
2019-08-08 12:56:40,403: DEBUG - Assign free vars
2019-08-08 12:56:40,409: INFO - =====
2019-08-08 12:56:40,415: INFO - Corner 2 phoss-c2
2019-08-08 12:56:40,420: INFO - Corner 3 phoss-c3
2019-08-08 12:56:40,425: INFO - =====
2019-08-08 12:56:40,451: INFO - > CALL SLOT NULLADAPTER.NULLSLOT
2019-08-08 12:56:40,456: INFO - < SLOT CALLED NULLADAPTER.NULLSLOT
2019-08-08 12:56:40,462: INFO - < Rivet finished sucessfully
2019-08-08 12:56:40,467: INFO - -----

2019-08-08 12:56:40,472: INFO - > RUN RIVET 1
2019-08-08 12:56:40,477: DEBUG - Assign free vars
2019-08-08 12:56:40,482: INFO - > CALL SLOT genericAS4Corner1|8.submitMessage(esens.wp6.esensMshBackend.SubmissionData)
2019-08-08 12:56:40,704: INFO - < SLOT CALLED genericAS4Corner1|8.submitMessage(esens.wp6.esensMshBackend.SubmissionData)
2019-08-08 12:56:40,709: INFO - < Rivet finished sucessfully
2019-08-08 12:56:40,714: INFO - -----

2019-08-08 12:56:40,720: INFO - > RUN RIVET 2
2019-08-08 12:56:40,725: DEBUG - > Wait For Signal:as4-adapter|8.messageReceived(byte[])
2019-08-08 12:56:41,793: DEBUG - < Signal Arrived: as4-adapter|8.messageReceived(byte[])
2019-08-08 12:56:41,799: INFO - =====
2019-08-08 12:56:41,804: INFO - C2 AS4 Message:
2019-08-08 12:56:41,812: INFO - <?xml version="1.0" encoding="UTF-8"?>
<eb:Messaging xmlns:eb="http://docs.oasis-open.org/ebxml-msg/ebms/v3.0/ns/core/200704/"
xmlns:S11="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:ebbp="http://docs.oasis-open.org/ebxml-bp/ebbp-signals-2.0"
xmlns:S12="http://www.w3.org/2003/05/soap-envelope"
xmlns:wsu="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-wssecurity-utility-1.0.xsd"
xmlns:ds="http://www.w3.org/2000/09/xmldsig#"
xmlns:xlink="http://www.w3.org/1999/xlink"
S12:mustUnderstand="true"
wsu:Id="phase4-msg-aa198fa1-aa87-4515-8b68-e23692f02e11">
<eb:UserMessage>
<eb:MessageInfo>
<eb:Timestamp>2019-08-08T12:56:46.684</eb:Timestamp>
<eb:MessageId>b88cad47-1059-480d-a9b1-24e7c582c2cf@mindentestbed.org</eb:MessageId>
</eb:MessageInfo>
<eb:PartyInfo>
<eb:From>
<eb:PartyId>phoss-c2</eb:PartyId>
<eb:Role>http://www.esens.eu/as4/conformancetest/sut</eb:Role>
</eb:From>
<eb:To>
<eb:PartyId>phoss-c3</eb:PartyId>
<eb:Role>http://docs.oasis-open.org/ebxml-msg/ebms/v3.0/ns/core/200704/responder</eb:Role>
</eb:To>
</eb:PartyInfo>
<eb:CollaborationInfo>
<eb:AgreementRef pmode="phoss-c2-phoss-c3">urn:as4:agreement</eb:AgreementRef>
<eb:Service>SRV_SIMPLE_ONEWAY</eb:Service>
<eb:Action>ACT_SIMPLE_ONEWAY</eb:Action>
<eb:ConversationId>466302</eb:ConversationId>
</eb:CollaborationInfo>
<eb:MessageProperties>
<eb:Property name="originalSender">C1</eb:Property>
<eb:Property name="finalRecipient">C4</eb:Property>
</eb:MessageProperties>
<eb:PayloadInfo>
<eb:PartInfo href="cid:xmlpayload@minder">
<eb:PartProperties>
<eb:Property name="MimeType">application/xml</eb:Property>
<eb:Property name="CharacterSet">ISO-8859-1</eb:Property>
<eb:Property name="CompressionType">application/gzip</eb:Property>
</eb:PartProperties>
</eb:PartInfo>
<eb:PartInfo href="cid:custompayload@minder">
<eb:PartProperties>
<eb:Property name="MimeType">application/octet-stream</eb:Property>
<eb:Property name="CharacterSet">ISO-8859-1</eb:Property>
<eb:Property name="CompressionType">application/gzip</eb:Property>
</eb:PartProperties>
</eb:PartInfo>
</eb:PayloadInfo>
</eb:UserMessage>
</eb:Messaging>
2019-08-08 12:56:41,817: INFO - =====
2019-08-08 12:56:41,823: INFO - AS4 message id: b88cad47-1059-480d-a9b1-24e7c582c2cf@mindentestbed.org
2019-08-08 12:56:41,828: INFO - =====
2019-08-08 12:56:41,846: INFO - Verifying the message type of the AS4 message (user message) ...
2019-08-08 12:56:41,853: INFO - User message Content-Type = multipart/related; boundary="====_Part_44_913571199.1565269006715"; type="application/soap+xml"
2019-08-08 12:56:41,858: INFO - User message is of type multipart (SOAP-with-attachments).
```

```
2019-08-08 12:56:41,863: INFO - Next step is to verify that this user message is processed successfully by the RMSH.
2019-08-08 12:56:41,868: INFO - =====
2019-08-08 12:56:41,874: DEBUG - Assign free vars
2019-08-08 12:56:41,879: INFO - > CALL SLOT as4-adapter|8.sendMessage(byte[])
2019-08-08 12:56:41,998: INFO - < SLOT CALLED as4-adapter|8.sendMessage(byte[])
2019-08-08 12:56:42,004: INFO - < Rivet finished sucessfully
2019-08-08 12:56:42,009: INFO - -----

2019-08-08 12:56:42,014: INFO - > RUN RIVET 3
2019-08-08 12:56:42,019: DEBUG - > Wait For Signal:as4-adapter|8.replyReceived(byte[])
2019-08-08 12:56:42,024: DEBUG - < Signal Arrived: as4-adapter|8.replyReceived(byte[])
2019-08-08 12:56:42,030: INFO - =====
2019-08-08 12:56:42,037: INFO - Received Receipt: 1565269002036
2019-08-08 12:56:42,042: INFO - =====
2019-08-08 12:56:42,048: INFO - Multipart (SOAP-with-attachments) message processed successfully.
2019-08-08 12:56:42,053: INFO - =====
2019-08-08 12:56:42,059: DEBUG - Assign free vars
2019-08-08 12:56:42,064: INFO - > CALL SLOT as4-adapter|8.sendResponse(byte[])
2019-08-08 12:56:42,070: INFO - < SLOT CALLED as4-adapter|8.sendResponse(byte[])
2019-08-08 12:56:42,075: INFO - < Rivet finished sucessfully
2019-08-08 12:56:42,080: INFO - -----

2019-08-08 12:56:42,085: INFO - > RUN RIVET 4
2019-08-08 12:56:42,091: DEBUG - > Wait For Signal:genericAS4Corner4|8.receiveMessage(esens.wp6.esensMshBackend.SubmissionData)
2019-08-08 12:56:43,182: DEBUG - < Signal Arrived: genericAS4Corner4|8.receiveMessage(esens.wp6.esensMshBackend.SubmissionData)
2019-08-08 12:56:43,191: DEBUG - Assign free vars
2019-08-08 12:56:43,197: INFO - > CALL SLOT NULLADAPTER.NULLSLOT
2019-08-08 12:56:43,202: INFO - < SLOT CALLED NULLADAPTER.NULLSLOT
2019-08-08 12:56:43,207: INFO - < Rivet finished sucessfully
2019-08-08 12:56:43,212: INFO - -----

2019-08-08 12:56:43,218: INFO - > RUN RIVET 5
2019-08-08 12:56:43,223: DEBUG - > Wait For Signal:genericAS4Corner1|8.processNotification(esens.wp6.esensMshBackend.MessageNotification)
2019-08-08 12:56:43,350: DEBUG - < Signal Arrived: genericAS4Corner1|8.processNotification(esens.wp6.esensMshBackend.MessageNotification)
2019-08-08 12:56:43,358: DEBUG - Assign free vars
2019-08-08 12:56:43,364: INFO - > CALL SLOT NULLADAPTER.NULLSLOT
2019-08-08 12:56:43,369: INFO - < SLOT CALLED NULLADAPTER.NULLSLOT
2019-08-08 12:56:43,374: INFO - < Rivet finished sucessfully
2019-08-08 12:56:43,379: INFO - -----

2019-08-08 12:56:43,385: INFO - Test #29775 Finished
```

Test Report - AS4_CP_TA22

Overview

Test Group:	AS4 Common Profile Test Assertions
Test Assertion:	AS4_CP_TA22
Test Case:	AS4_CP_TA22_TC01
User:	ROOT
Date:	2019.08.08 12:56:44
System(s) Tested:	1- Phase4

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

Test Assertion Details

TAID:	AS4_CP_TA22
Target:	AS4 Message format
Normative Source:	[eDelivery-AS4] "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:	• AS4_CP_TA21
Predicate:	The SSMH acknowledges the message reception.
Variables:	
Tag:	Message format, simple SOAP

Log

```
2019-08-08 12:56:45,619: INFO - Minder version v2.3.0
2019-08-08 12:56:45,625: INFO - Start Test
2019-08-08 12:56:45,630: INFO - Initialize test case
2019-08-08 12:56:45,638: DEBUG - Parameters
2019-08-08 12:56:45,644: DEBUG - Corner2:phoss-c2
Corner3:phoss-c3
2019-08-08 12:56:45,649: INFO - > Initialize the Adapters
2019-08-08 12:56:45,654: INFO - Call start test on NULLADAPTER
2019-08-08 12:56:45,659: INFO - Obtain SUT Identifiers from NULLADAPTER
2019-08-08 12:56:45,664: INFO - Call start test on as4-adapter
2019-08-08 12:56:45,671: INFO - Obtain SUT Identifiers from as4-adapter
2019-08-08 12:56:45,677: INFO - System Under Test: Phase4
2019-08-08 12:56:45,682: INFO - System Under Test: Phase4
2019-08-08 12:56:45,688: INFO - Call start test on genericAS4Corner4
2019-08-08 12:56:45,694: INFO - Obtain SUT Identifiers from genericAS4Corner4
2019-08-08 12:56:45,699: INFO - Call start test on genericAS4Corner1
2019-08-08 12:56:45,705: INFO - Obtain SUT Identifiers from genericAS4Corner1
2019-08-08 12:56:45,711: INFO - > RUN RIVET 0
2019-08-08 12:56:45,716: DEBUG - Assign free vars
2019-08-08 12:56:45,721: INFO - =====
2019-08-08 12:56:45,727: INFO - Corner 2 phoss-c2
2019-08-08 12:56:45,732: INFO - Corner 3 phoss-c3
2019-08-08 12:56:45,738: INFO - =====
2019-08-08 12:56:45,763: INFO - > CALL SLOT NULLADAPTER.NULLSLOT
2019-08-08 12:56:45,769: INFO - < SLOT CALLED NULLADAPTER.NULLSLOT
2019-08-08 12:56:45,774: INFO - < Rivet finished sucessfully
2019-08-08 12:56:45,779: INFO - -----

2019-08-08 12:56:45,785: INFO - > RUN RIVET 1
2019-08-08 12:56:45,790: DEBUG - Assign free vars
2019-08-08 12:56:45,795: INFO - > CALL SLOT genericAS4Corner1|8.submitMessage(esens.wp6.esensMshBackend.SubmissionData)
2019-08-08 12:56:46,004: INFO - < SLOT CALLED genericAS4Corner1|8.submitMessage(esens.wp6.esensMshBackend.SubmissionData)
2019-08-08 12:56:46,010: INFO - < Rivet finished sucessfully
2019-08-08 12:56:46,015: INFO - -----

2019-08-08 12:56:46,020: INFO - > RUN RIVET 2
2019-08-08 12:56:46,025: DEBUG - > Wait For Signal:as4-adapter|8.messageReceived(byte[])
2019-08-08 12:56:47,105: DEBUG - < Signal Arrived: as4-adapter|8.messageReceived(byte[])
2019-08-08 12:56:47,111: INFO - =====
2019-08-08 12:56:47,117: INFO - C2 AS4 Message:
2019-08-08 12:56:47,124: INFO - <?xml version="1.0" encoding="UTF-8"?>
<eb:Messaging xmlns:eb="http://docs.oasis-open.org/ebxml-msg/ebms/v3.0/ns/core/200704/"
xmlns:S11="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:ebbp="http://docs.oasis-open.org/ebxml-bp/ebbp-signals-2.0"
xmlns:S12="http://www.w3.org/2003/05/soap-envelope"
xmlns:wsu="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-wssecurity-utility-1.0.xsd"
xmlns:ds="http://www.w3.org/2000/09/xmldsig#"
xmlns:xlink="http://www.w3.org/1999/xlink"
S12:mustUnderstand="true"
wsu:Id="phase4-msg-16bab8b2-14a2-453c-8c3f-36389ff4067e">
<eb:UserMessage>
<eb:MessageInfo>
<eb:Timestamp>2019-08-08T12:56:51.959</eb:Timestamp>
<eb:MessageId>58017e94-f57f-42e9-85c1-3e3de4dddfdf@mindentestbed.org</eb:MessageId>
</eb:MessageInfo>
<eb:PartyInfo>
<eb:From>
<eb:PartyId>phoss-c2</eb:PartyId>
<eb:Role>http://www.esens.eu/as4/conformancetest/sut</eb:Role>
</eb:From>
<eb:To>
<eb:PartyId>phoss-c3</eb:PartyId>
<eb:Role>http://docs.oasis-open.org/ebxml-msg/ebms/v3.0/ns/core/200704/responder</eb:Role>
</eb:To>
</eb:PartyInfo>
<eb:CollaborationInfo>
<eb:AgreementRef pmode="phoss-c2-phoss-c3">urn:as4:agreement</eb:AgreementRef>
<eb:Service>SRV_SIMPLE_ONEWAY</eb:Service>
<eb:Action>ACT_SIMPLE_ONEWAY</eb:Action>
<eb:ConversationId>637163</eb:ConversationId>
</eb:CollaborationInfo>
<eb:MessageProperties>
<eb:Property name="originalSender">C1</eb:Property>
<eb:Property name="finalRecipient">C4</eb:Property>
</eb:MessageProperties>
<eb:PayloadInfo>
<eb:PartInfo href="cid:xmlpayload@minder">
<eb:PartProperties>
<eb:Property name="MimeType">application/xml</eb:Property>
<eb:Property name="CharacterSet">ISO-8859-1</eb:Property>
<eb:Property name="CompressionType">application/gzip</eb:Property>
</eb:PartProperties>
</eb:PartInfo>
<eb:PartInfo href="cid:custompayload@minder">
<eb:PartProperties>
<eb:Property name="MimeType">application/octet-stream</eb:Property>
<eb:Property name="CharacterSet">ISO-8859-1</eb:Property>
<eb:Property name="CompressionType">application/gzip</eb:Property>
</eb:PartProperties>
</eb:PartInfo>
</eb:PayloadInfo>
</eb:UserMessage>
</eb:Messaging>
2019-08-08 12:56:47,130: INFO - =====
2019-08-08 12:56:47,136: INFO - AS4 message id: 58017e94-f57f-42e9-85c1-3e3de4dddfdf@mindentestbed.org
2019-08-08 12:56:47,141: INFO - =====
2019-08-08 12:56:47,159: INFO - Attachments:
2019-08-08 12:56:47,164: INFO - =====
2019-08-08 12:56:47,171: INFO - Attachment ID: <xmlpayload@minder>, MimeType: application/gzip
```

2019-08-08 12:56:47,177: INFO - Compressed HEX payload: 1F8B0800000000000000B3C9CDCCB3B349492DB22B4ECC2DC849B5D107B16DF441C2007E6CD3781C000000
2019-08-08 12:56:47,182: INFO - Decompressed Payload: <min><der>sample<der></min>
2019-08-08 12:56:47,187: INFO -
2019-08-08 12:56:47,192: INFO - =====
2019-08-08 12:56:47,198: INFO - Attachment ID: <custompayload@minder>, MimeType: application/gzip
2019-08-08 12:56:47,204: INFO - Compressed HEX payload:
1F8B08000000000000000535454F0CD4FC94CAB54C84D55484C2B492D52282E4DCACD2C2ECECCCFD351C84C53A8CC2F5548492C4A555404006FDED25E2C000000
2019-08-08 12:56:47,209: INFO - Decompressed Payload: !! Modify me after submission, if you dare!!
2019-08-08 12:56:47,214: INFO -
2019-08-08 12:56:47,219: INFO - =====
2019-08-08 12:56:47,224: INFO - =====
2019-08-08 12:56:47,230: DEBUG - Assign free vars
2019-08-08 12:56:47,235: INFO - > CALL SLOT as4-adapter|8.sendMessage(byte[])
2019-08-08 12:56:47,382: INFO - < SLOT CALLED as4-adapter|8.sendMessage(byte[])
2019-08-08 12:56:47,387: INFO - < Rivet finished sucessfully
2019-08-08 12:56:47,392: INFO - -----

2019-08-08 12:56:47,397: INFO - > RUN RIVET 3
2019-08-08 12:56:47,402: DEBUG - > Wait For Signal:as4-adapter|8.replyReceived(byte[])
2019-08-08 12:56:47,408: DEBUG - < Signal Arrived: as4-adapter|8.replyReceived(byte[])
2019-08-08 12:56:47,413: INFO - =====
2019-08-08 12:56:47,420: INFO - Received the Receipt: 1565269007419
2019-08-08 12:56:47,425: INFO - =====
2019-08-08 12:56:47,430: INFO - Verifying the message type of the receipt (signal message) ...
2019-08-08 12:56:47,436: INFO - Receipt Content-Type = application/soap+xml
2019-08-08 12:56:47,442: INFO - Receipt message is of type non-multipart (simple SOAP).
2019-08-08 12:56:47,447: INFO - Next step is to verify that this receipt is processed successfully by the SMSH.
2019-08-08 12:56:47,452: INFO - =====
2019-08-08 12:56:47,458: DEBUG - Assign free vars
2019-08-08 12:56:47,464: INFO - > CALL SLOT as4-adapter|8.sendResponse(byte[])
2019-08-08 12:56:47,469: INFO - < SLOT CALLED as4-adapter|8.sendResponse(byte[])
2019-08-08 12:56:47,475: INFO - < Rivet finished sucessfully
2019-08-08 12:56:47,480: INFO - -----

2019-08-08 12:56:47,485: INFO - > RUN RIVET 4
2019-08-08 12:56:47,490: DEBUG - > Wait For Signal:genericAS4Corner4|8.receiveMessage(esens.wp6.esensMshBackend.SubmissionData)
2019-08-08 12:56:48,573: DEBUG - < Signal Arrived: genericAS4Corner4|8.receiveMessage(esens.wp6.esensMshBackend.SubmissionData)
2019-08-08 12:56:48,582: DEBUG - Assign free vars
2019-08-08 12:56:48,587: INFO - > CALL SLOT NULLADAPTER.NULLSLOT
2019-08-08 12:56:48,593: INFO - < SLOT CALLED NULLADAPTER.NULLSLOT
2019-08-08 12:56:48,598: INFO - < Rivet finished sucessfully
2019-08-08 12:56:48,603: INFO - -----

2019-08-08 12:56:48,609: INFO - > RUN RIVET 5
2019-08-08 12:56:48,614: DEBUG - > Wait For Signal:genericAS4Corner1|8.processNotification(esens.wp6.esensMshBackend.MessageNotification)
2019-08-08 12:56:48,759: DEBUG - < Signal Arrived: genericAS4Corner1|8.processNotification(esens.wp6.esensMshBackend.MessageNotification)
2019-08-08 12:56:48,767: INFO - =====
2019-08-08 12:56:48,772: INFO - Corner1 backend NOTIFICATION
2019-08-08 12:56:48,778: INFO - status :Receipt
2019-08-08 12:56:48,783: INFO - messageId: 58017e94-f57f-42e9-85c1-3e3de4dddfdf@mindentestbed.org
2019-08-08 12:56:48,789: INFO - Non-multipart (simple SOAP) message is processed successfully.
2019-08-08 12:56:48,794: INFO - =====
2019-08-08 12:56:48,800: DEBUG - Assign free vars
2019-08-08 12:56:48,805: INFO - > CALL SLOT NULLADAPTER.NULLSLOT
2019-08-08 12:56:48,810: INFO - < SLOT CALLED NULLADAPTER.NULLSLOT
2019-08-08 12:56:48,815: INFO - < Rivet finished sucessfully
2019-08-08 12:56:48,820: INFO - -----

2019-08-08 12:56:48,826: INFO - Test #29776 Finished

Test Report - AS4_CP_TA23

Overview

Test Group:	AS4 Common Profile Test Assertions
Test Assertion:	AS4_CP_TA23
Test Case:	AS4_CP_TA23_TC01
User:	ROOT
Date:	2019.08.08 12:56:50
System(s) Tested:	1- Phase4

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

Test Assertion Details

TAID:	AS4_CP_TA23
Target:	Payload compression
Normative Source:	[eDelivery-AS4] "Due to the mandatory use of the AS4 compression feature in this profile (see section 2.2.3.3), XML payloads MAY be converted to binary data"
Prescription Level:	Mandatory
Prerequisite:	<ul style="list-style-type: none">• SSMH and RSMH are configured to exchange AS4 messages according to the eDelivery AS4 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

```
2019-08-08 12:56:51,119: INFO - Minder version v2.3.0
2019-08-08 12:56:51,124: INFO - Start Test
2019-08-08 12:56:51,129: INFO - Initialize test case
2019-08-08 12:56:51,138: DEBUG - Parameters
2019-08-08 12:56:51,143: DEBUG - Corner2:phoss-c2
Corner3:phoss-c3
2019-08-08 12:56:51,148: INFO - > Initialize the Adapters
2019-08-08 12:56:51,153: INFO - Call start test on NULLADAPTER
2019-08-08 12:56:51,158: INFO - Obtain SUT Identifiers from NULLADAPTER
2019-08-08 12:56:51,164: INFO - Call start test on as4-adapter
2019-08-08 12:56:51,170: INFO - Obtain SUT Identifiers from as4-adapter
2019-08-08 12:56:51,176: INFO - System Under Test: Phase4
2019-08-08 12:56:51,181: INFO - System Under Test: Phase4
2019-08-08 12:56:51,186: INFO - Call start test on genericAS4Corner4
2019-08-08 12:56:51,192: INFO - Obtain SUT Identifiers from genericAS4Corner4
2019-08-08 12:56:51,197: INFO - Call start test on genericAS4Corner1
2019-08-08 12:56:51,203: INFO - Obtain SUT Identifiers from genericAS4Corner1
2019-08-08 12:56:51,209: INFO - > RUN RIVET 0
2019-08-08 12:56:51,214: DEBUG - Assign free vars
2019-08-08 12:56:51,219: INFO - =====
2019-08-08 12:56:51,225: INFO - Corner 2 phoss-c2
2019-08-08 12:56:51,230: INFO - Corner 3 phoss-c3
2019-08-08 12:56:51,235: INFO - =====
2019-08-08 12:56:51,269: INFO - > CALL SLOT NULLADAPTER.NULLSLOT
2019-08-08 12:56:51,274: INFO - < SLOT CALLED NULLADAPTER.NULLSLOT
2019-08-08 12:56:51,280: INFO - < Rivet finished sucessfully
2019-08-08 12:56:51,285: INFO - -----

2019-08-08 12:56:51,290: INFO - > RUN RIVET 1
2019-08-08 12:56:51,295: DEBUG - Assign free vars
2019-08-08 12:56:51,300: INFO - > CALL SLOT genericAS4Corner1|8.submitMessage(esens.wp6.esensMshBackend.SubmissionData)
2019-08-08 12:56:51,317: INFO - < SLOT CALLED genericAS4Corner1|8.submitMessage(esens.wp6.esensMshBackend.SubmissionData)
2019-08-08 12:56:51,523: INFO - < Rivet finished sucessfully
2019-08-08 12:56:51,528: INFO - -----

2019-08-08 12:56:51,533: INFO - > RUN RIVET 2
2019-08-08 12:56:51,538: DEBUG - > Wait For Signal:as4-adapter|8.messageReceived(byte[])
2019-08-08 12:56:52,579: DEBUG - < Signal Arrived: as4-adapter|8.messageReceived(byte[])
2019-08-08 12:56:52,585: INFO - =====
2019-08-08 12:56:52,590: INFO - C2 AS4 Message:
2019-08-08 12:56:52,598: INFO - <?xml version="1.0" encoding="UTF-8"?>
<eb:Messaging xmlns:eb="http://docs.oasis-open.org/ebxml-msg/ebms/v3.0/ns/core/200704/"
xmlns:S11="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:ebbp="http://docs.oasis-open.org/ebxml-bp/ebbp-signals-2.0"
xmlns:S12="http://www.w3.org/2003/05/soap-envelope"
xmlns:wsu="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-wssecurity-utility-1.0.xsd"
xmlns:ds="http://www.w3.org/2000/09/xmldsig#"
xmlns:xlink="http://www.w3.org/1999/xlink"
S12:mustUnderstand="true"
wsu:Id="phase4-msg-fe986e87-d304-465f-962f-6c740c4bc2d6">
<eb:UserMessage>
<eb:MessageInfo>
<eb:Timestamp>2019-08-08T12:56:57.464</eb:Timestamp>
<eb:MessageId>6fe17a10-da9d-44e3-89b8-20299982da2b@mindentestbed.org</eb:MessageId>
</eb:MessageInfo>
<eb:PartyInfo>
<eb:From>
<eb:PartyId>phoss-c2</eb:PartyId>
<eb:Role>http://www.esens.eu/as4/conformancetest/sut</eb:Role>
</eb:From>
<eb:To>
<eb:PartyId>phoss-c3</eb:PartyId>
<eb:Role>http://docs.oasis-open.org/ebxml-msg/ebms/v3.0/ns/core/200704/responder</eb:Role>
</eb:To>
</eb:PartyInfo>
<eb:CollaborationInfo>
<eb:AgreementRef pmode="phoss-c2-phoss-c3">urn:as4:agreement</eb:AgreementRef>
<eb:Service>SRV_SIMPLE_ONEWAY</eb:Service>
<eb:Action>ACT_SIMPLE_ONEWAY</eb:Action>
<eb:ConversationId>61117</eb:ConversationId>
</eb:CollaborationInfo>
<eb:MessageProperties>
<eb:Property name="originalSender">C1</eb:Property>
<eb:Property name="finalRecipient">C4</eb:Property>
</eb:MessageProperties>
<eb:PayloadInfo>
<eb:PartInfo href="cid:xmlpayload@minder">
<eb:PartProperties>
<eb:Property name="MimeType">application/xml</eb:Property>
<eb:Property name="CharacterSet">ISO-8859-1</eb:Property>
<eb:Property name="CompressionType">application/gzip</eb:Property>
</eb:PartProperties>
</eb:PartInfo>
<eb:PartInfo href="cid:custompayload@minder">
<eb:PartProperties>
<eb:Property name="MimeType">application/octet-stream</eb:Property>
<eb:Property name="CharacterSet">ISO-8859-1</eb:Property>
<eb:Property name="CompressionType">application/gzip</eb:Property>
</eb:PartProperties>
</eb:PartInfo>
</eb:PayloadInfo>
</eb:UserMessage>
</eb:Messaging>
2019-08-08 12:56:52,603: INFO - =====
2019-08-08 12:56:52,609: INFO - AS4 message id: 6fe17a10-da9d-44e3-89b8-20299982da2b@mindentestbed.org
2019-08-08 12:56:52,614: INFO - =====
2019-08-08 12:56:52,619: INFO - CompressionType Property for Custom Payload:
2019-08-08 12:56:52,625: 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:S11="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:ebbp="http://docs.oasis-open.org/ebxml-bp/ebbp-signals-2.0"
xmlns:S12="http://www.w3.org/2003/05/soap-envelope"
xmlns:wsu="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-wssecurity-utility-1.0.xsd"
xmlns:ds="http://www.w3.org/2000/09/xmldsig#"
xmlns:xlink="http://www.w3.org/1999/xlink"
name="CompressionType">application/gzip</eb:Property>
2019-08-08 12:56:52,630: INFO - =====
2019-08-08 12:56:52,635: INFO - CompressionType Property for XML Payload:
2019-08-08 12:56:52,641: 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:S11="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:ebbp="http://docs.oasis-open.org/ebxml-bp/ebbp-signals-2.0"
xmlns:S12="http://www.w3.org/2003/05/soap-envelope"
xmlns:wsu="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-wssecurity-utility-1.0.xsd"
xmlns:ds="http://www.w3.org/2000/09/xmldsig#"
xmlns:xlink="http://www.w3.org/1999/xlink"
name="CompressionType">application/gzip</eb:Property>
2019-08-08 12:56:52,646: INFO - =====
2019-08-08 12:56:52,665: INFO - Attachments:
2019-08-08 12:56:52,670: INFO - =====
2019-08-08 12:56:52,678: INFO - Attachment ID: <xmldata@minder>, MimeType: application/gzip
2019-08-08 12:56:52,684: INFO - Compressed HEX payload: 1F8B0800000000000000B3C9CDBC3B349492DB22B4ECC2DC849B5D107B16DF441C2007E6CD3781C000000
2019-08-08 12:56:52,689: INFO - Decompressed Payload: <min><der>sample</der></min>
2019-08-08 12:56:52,694: INFO -
2019-08-08 12:56:52,699: INFO - =====
2019-08-08 12:56:52,705: INFO - Attachment ID: <custompayload@minder>, MimeType: application/gzip
2019-08-08 12:56:52,710: INFO - Compressed HEX payload:
1F8B080000000000000000535454F0CD4FC94CAB54C84D55484C2B492D52282E4DCACD2C2ECECCCFD351C84C53A8CC2F5548492C4A555404006FDED25E2C000000
2019-08-08 12:56:52,715: INFO - Decompressed Payload: !! Modify me after submission, if you dare!!
2019-08-08 12:56:52,721: INFO -
2019-08-08 12:56:52,726: INFO - =====
2019-08-08 12:56:52,731: INFO - =====
2019-08-08 12:56:52,737: INFO - Forward message to the other side: 1565269012737
2019-08-08 12:56:52,742: INFO - =====
2019-08-08 12:56:52,748: DEBUG - Assign free vars
2019-08-08 12:56:52,753: INFO - > CALL SLOT as4-adapter|8.sendMessage(byte[])
2019-08-08 12:56:52,890: INFO - < SLOT CALLED as4-adapter|8.sendMessage(byte[])
2019-08-08 12:56:52,896: INFO - < Rivet finished sucessfully
2019-08-08 12:56:52,901: INFO - -----

2019-08-08 12:56:52,906: INFO - > RUN RIVET 3
2019-08-08 12:56:52,911: DEBUG - > Wait For Signal:as4-adapter|8.replyReceived(byte[])
2019-08-08 12:56:52,916: DEBUG - < Signal Arrived: as4-adapter|8.replyReceived(byte[])
2019-08-08 12:56:52,922: INFO - =====
2019-08-08 12:56:52,927: INFO - Received the Receipt: 1565269012927
2019-08-08 12:56:52,932: INFO - =====
2019-08-08 12:56:52,938: INFO - RECEIPT:
2019-08-08 12:56:52,944: INFO - <?xml version="1.0" encoding="UTF-8"?>
<eb:Messaging xmlns:eb="http://docs.oasis-open.org/ebxml-msg/ebms/v3.0/ns/core/200704/"
xmlns:S11="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:ebbp="http://docs.oasis-open.org/ebxml-bp/ebbp-signals-2.0"
xmlns:S12="http://www.w3.org/2003/05/soap-envelope"
xmlns:wsu="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-wssecurity-utility-1.0.xsd"
xmlns:ds="http://www.w3.org/2000/09/xmldsig#"
xmlns:xlink="http://www.w3.org/1999/xlink"
S12:mustUnderstand="true"
wsu:Id="phase4-msg-6071cbf8-a5ed-4447-99b3-0c0638f0c2cb">
<eb:SignalMessage>
<eb:MessageInfo>
<eb:Timestamp>2019-08-08T12:56:57.912</eb:Timestamp>
<eb:MessageId>259a41ba-0938-41da-b684-9b8e0a53fc16@phase4</eb:MessageId>
<eb:RefToMessageId>6fe17a10-da9d-44e3-89b8-20299982da2b@mindertestbed.org</eb:RefToMessageId>
</eb:MessageInfo>
<eb:Receipt>
<ebbp:NonRepudiationInformation>
<ebbp:MessagePartNRInformation>
<ds:Reference URI="#phase4-msg-fe986e87-d304-465f-962f-6c740c4bc2d6">
<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>jymXANUuNBv7FUIGukaext9gTnOS4WIK4+1Zy/Dns</ds:DigestValue>
</ds:Reference>
</ebbp:MessagePartNRInformation>
<ebbp:MessagePartNRInformation>
<ds:Reference URI="#id-cfc7a072-d308-4354-a4e5-e073c860b286">
<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>So16FmM0jxGMO86XTp6lhdGV1eaUUBv3P6bdD1Uy+jw</ds:DigestValue>
</ds:Reference>
</ebbp:MessagePartNRInformation>
<ebbp:MessagePartNRInformation>
<ds:Reference URI="cid:xmldata@minder">
<ds:Transforms>
<ds:Transform Algorithm="http://docs.oasis-open.org/wss/oasis-wss-SwAPProfile-1.1#Attachment-Content-Signature-Transform"/>
</ds:Transforms>
<ds:DigestMethod Algorithm="http://www.w3.org/2001/04/xmldsig#sha256"/>
<ds:DigestValue>yqDt8JU9CgV+e+tbUO3wVj/I811CUMDvlel8LpSJ14o</ds:DigestValue>
</ds:Reference>
</ebbp:MessagePartNRInformation>
<ebbp:MessagePartNRInformation>
<ds:Reference URI="cid:custompayload@minder">
<ds:Transforms>
<ds:Transform Algorithm="http://docs.oasis-open.org/wss/oasis-wss-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>
</ebbp:MessagePartNRInformation>
</ebbp:NonRepudiationInformation>
</eb:Receipt>
</eb:SignalMessage>
```

```
</eb:Messaging>
2019-08-08 12:56:52,950: INFO - =====
2019-08-08 12:56:52,956: DEBUG - Assign free vars
2019-08-08 12:56:52,961: INFO - > CALL SLOT as4-adapter|8.sendResponse(byte[])
2019-08-08 12:56:52,967: INFO - < SLOT CALLED as4-adapter|8.sendResponse(byte[])
2019-08-08 12:56:52,972: INFO - < Rivet finished sucessfully
2019-08-08 12:56:52,977: INFO - -----

2019-08-08 12:56:52,982: INFO - > RUN RIVET 4
2019-08-08 12:56:52,988: DEBUG - > Wait For Signal:genericAS4Corner4|8.receiveMessage(esens.wp6.esensMshBackend.SubmissionData)
2019-08-08 12:56:54,053: DEBUG - < Signal Arrived: genericAS4Corner4|8.receiveMessage(esens.wp6.esensMshBackend.SubmissionData)
2019-08-08 12:56:54,063: INFO - =====
2019-08-08 12:56:54,068: INFO - Corner4 Received Payloads:
2019-08-08 12:56:54,073: INFO - Data
2019-08-08 12:56:54,079: INFO - originalSender: C1
2019-08-08 12:56:54,084: INFO - finalRecipient: C4
2019-08-08 12:56:54,089: INFO - refToMessageld: null
2019-08-08 12:56:54,094: INFO - conversationId: 61117
2019-08-08 12:56:54,100: INFO - messageld: 6fe17a10-da9d-44e3-89b8-20299982da2b@mindertestbed.org
2019-08-08 12:56:54,105: INFO - to: Minder
2019-08-08 12:56:54,110: INFO - from: null
2019-08-08 12:56:54,116: INFO - pModeld: null
2019-08-08 12:56:54,122: INFO - payloadId: xmlpayload@minder == type: application/xml.
2019-08-08 12:56:54,127: INFO - <min><der>sample</der></min>
2019-08-08 12:56:54,132: INFO - payloadId: custompayload@minder == type: application/octet-stream.
2019-08-08 12:56:54,137: INFO - !! Modify me after submission, if you dare!!
2019-08-08 12:56:54,143: INFO - =====
2019-08-08 12:56:54,148: DEBUG - Assign free vars
2019-08-08 12:56:54,153: INFO - > CALL SLOT NULLADAPTER.NULLSLOT
2019-08-08 12:56:54,158: INFO - < SLOT CALLED NULLADAPTER.NULLSLOT
2019-08-08 12:56:54,163: INFO - < Rivet finished sucessfully
2019-08-08 12:56:54,168: INFO - -----


2019-08-08 12:56:54,174: INFO - > RUN RIVET 5
2019-08-08 12:56:54,179: DEBUG - > Wait For Signal:genericAS4Corner1|8.processNotification(esens.wp6.esensMshBackend.MessageNotification)
2019-08-08 12:56:54,252: DEBUG - < Signal Arrived: genericAS4Corner1|8.processNotification(esens.wp6.esensMshBackend.MessageNotification)
2019-08-08 12:56:54,261: INFO - =====
2019-08-08 12:56:54,266: INFO - Corner1 backend NOTIFICATION
2019-08-08 12:56:54,271: INFO - status :Receipt
2019-08-08 12:56:54,277: INFO - messageld: 6fe17a10-da9d-44e3-89b8-20299982da2b@mindertestbed.org
2019-08-08 12:56:54,282: INFO - shortDescription: null
2019-08-08 12:56:54,287: INFO - descriptionnull
2019-08-08 12:56:54,292: INFO - =====
2019-08-08 12:56:54,299: DEBUG - Assign free vars
2019-08-08 12:56:54,304: INFO - > CALL SLOT NULLADAPTER.NULLSLOT
2019-08-08 12:56:54,309: INFO - < SLOT CALLED NULLADAPTER.NULLSLOT
2019-08-08 12:56:54,314: INFO - < Rivet finished sucessfully
2019-08-08 12:56:54,319: INFO - -----

2019-08-08 12:56:54,325: INFO - Test #29777 Finished
```

Test Report - AS4_CP_TA24

Overview

Test Group:	AS4 Common Profile Test Assertions
Test Assertion:	AS4_CP_TA24
Test Case:	AS4_CP_TA24_TC01
User:	ROOT
Date:	2019.08.08 12:56:55
System(s) Tested:	1- Phase4

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

Test Assertion Details

TAID:	AS4_CP_TA24
Target:	Payload compression
Normative Source:	[eDelivery-AS4] "The PartInfo element in the message header that relates to a compressed payload part MUST have an eb:Property element with its name attribute set to the value CompressionType. The content type of a compressed payload part MUST be application/gzip."
Prescription Level:	Mandatory
Prerequisite:	<ul style="list-style-type: none">• SSMH and RSMH are configured to exchange AS4 messages according to the eDelivery AS4 profile (One-Way/Push MEP).• Producer submits a Message with metadata information and payload to the SSMH.
Predicate:	In the AS4 message generated by the SSMH, a property element with name "CompressionType" and value set to "application/gzip" is present.
Variables:	PARTPROPERTIES: XML element of AS4 user message Messaging/UserMessage/PayloadInfo/PartInfo/PartProperties
Tag:	Payload, compression, compression Type

Log

```
2019-08-08 12:56:56,677: INFO - Minder version v2.3.0
2019-08-08 12:56:56,682: INFO - Start Test
2019-08-08 12:56:56,688: INFO - Initialize test case
2019-08-08 12:56:56,696: DEBUG - Parameters
2019-08-08 12:56:56,701: DEBUG - Corner2:phoss-c2
Corner3:phoss-c3
2019-08-08 12:56:56,706: INFO - > Initialize the Adapters
2019-08-08 12:56:56,711: INFO - Call start test on NULLADAPTER
2019-08-08 12:56:56,717: INFO - Obtain SUT Identifiers from NULLADAPTER
2019-08-08 12:56:56,722: INFO - Call start test on as4-adapter
2019-08-08 12:56:56,729: INFO - Obtain SUT Identifiers from as4-adapter
2019-08-08 12:56:56,734: INFO - System Under Test: Phase4
2019-08-08 12:56:56,740: INFO - System Under Test: Phase4
2019-08-08 12:56:56,745: INFO - Call start test on genericAS4Corner4
2019-08-08 12:56:56,751: INFO - Obtain SUT Identifiers from genericAS4Corner4
2019-08-08 12:56:56,756: INFO - Call start test on genericAS4Corner1
2019-08-08 12:56:56,762: INFO - Obtain SUT Identifiers from genericAS4Corner1
2019-08-08 12:56:56,768: INFO - > RUN RIVET 0
2019-08-08 12:56:56,773: DEBUG - Assign free vars
2019-08-08 12:56:56,779: INFO - Corner 2 phoss-c2
2019-08-08 12:56:56,784: INFO - Corner 3 phoss-c3
2019-08-08 12:56:56,809: INFO - > CALL SLOT NULLADAPTER.NULLSLOT
2019-08-08 12:56:56,814: INFO - < SLOT CALLED NULLADAPTER.NULLSLOT
2019-08-08 12:56:56,819: INFO - < Rivet finished sucessfully
2019-08-08 12:56:56,824: INFO - -----

2019-08-08 12:56:56,829: INFO - > RUN RIVET 1
2019-08-08 12:56:56,835: DEBUG - Assign free vars
2019-08-08 12:56:56,840: INFO - > CALL SLOT genericAS4Corner1|8.submitMessage(esens.wp6.esensMshBackend.SubmissionData)
2019-08-08 12:56:57,033: INFO - < SLOT CALLED genericAS4Corner1|8.submitMessage(esens.wp6.esensMshBackend.SubmissionData)
2019-08-08 12:56:57,039: INFO - < Rivet finished sucessfully
2019-08-08 12:56:57,044: INFO - -----

2019-08-08 12:56:57,049: INFO - > RUN RIVET 2
2019-08-08 12:56:57,054: DEBUG - > Wait For Signal:as4-adapter|8.messageReceived(byte[])
2019-08-08 12:56:58,086: DEBUG - < Signal Arrived: as4-adapter|8.messageReceived(byte[])
2019-08-08 12:56:58,093: INFO - =====
2019-08-08 12:56:58,098: INFO - C2 AS4 Message:
2019-08-08 12:56:58,105: INFO - <?xml version="1.0" encoding="UTF-8"?>
<eb:Messaging xmlns:eb="http://docs.oasis-open.org/ebxml-msg/ebms/v3.0/ns/core/200704/"
xmlns:S11="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:ebbp="http://docs.oasis-open.org/ebxml-bp/ebbp-signals-2.0"
xmlns:S12="http://www.w3.org/2003/05/soap-envelope"
xmlns:wsu="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-wssecurity-utility-1.0.xsd"
xmlns:ds="http://www.w3.org/2000/09/xmldsig#"
xmlns:xlink="http://www.w3.org/1999/xlink"
S12:mustUnderstand="true"
wsu:Id="phase4-msg-2569971d-6875-4670-a97a-70c4a254c7e1">
<eb:UserMessage>
<eb:MessageInfo>
<eb:Timestamp>2019-08-08T12:57:03.000</eb:Timestamp>
<eb:MessageId>7ba3f908-8a7d-4a52-b325-a6609beb0528@mindentestbed.org</eb:MessageId>
</eb:MessageInfo>
<eb:PartyInfo>
<eb:From>
<eb:PartyId>phoss-c2</eb:PartyId>
<eb:Role>http://www.esens.eu/as4/conformancetest/sut</eb:Role>
</eb:From>
<eb:To>
<eb:PartyId>phoss-c3</eb:PartyId>
<eb:Role>http://docs.oasis-open.org/ebxml-msg/ebms/v3.0/ns/core/200704/responder</eb:Role>
</eb:To>
</eb:PartyInfo>
<eb:CollaborationInfo>
<eb:AgreementRef pmode="phoss-c2-phoss-c3">urn:as4:agreement</eb:AgreementRef>
<eb:Service>SRV_SIMPLE_ONEWAY</eb:Service>
<eb:Action>ACT_SIMPLE_ONEWAY</eb:Action>
<eb:ConversationId>363916</eb:ConversationId>
</eb:CollaborationInfo>
<eb:MessageProperties>
<eb:Property name="originalSender">C1</eb:Property>
<eb:Property name="finalRecipient">C4</eb:Property>
</eb:MessageProperties>
<eb:PayloadInfo>
<eb:PartInfo href="cid:xmlpayload@minder">
<eb:PartProperties>
<eb:Property name="MimeType">application/xml</eb:Property>
<eb:Property name="CharacterSet">ISO-8859-1</eb:Property>
<eb:Property name="CompressionType">application/gzip</eb:Property>
</eb:PartProperties>
</eb:PartInfo>
<eb:PartInfo href="cid:custompayload@minder">
<eb:PartProperties>
<eb:Property name="MimeType">application/octet-stream</eb:Property>
<eb:Property name="CharacterSet">ISO-8859-1</eb:Property>
<eb:Property name="CompressionType">application/gzip</eb:Property>
</eb:PartProperties>
</eb:PartInfo>
</eb:PayloadInfo>
</eb:UserMessage>
</eb:Messaging>
2019-08-08 12:56:58,110: INFO - =====
2019-08-08 12:56:58,116: INFO - AS4 message id: 7ba3f908-8a7d-4a52-b325-a6609beb0528@mindentestbed.org
2019-08-08 12:56:58,121: INFO - =====
2019-08-08 12:56:58,126: INFO - CompressionType Property for Custom Payload:
2019-08-08 12:56:58,132: 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:S11="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:ebbp="http://docs.oasis-open.org/ebxml-bp/ebbp-signals-2.0"
```

```
xmlns:S12="http://www.w3.org/2003/05/soap-envelope"
xmlns:wsu="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-wssecurity-utility-1.0.xsd"
xmlns:ds="http://www.w3.org/2000/09/xmldsig#"
xmlns:xlink="http://www.w3.org/1999/xlink"
name="CompressionType">application/gzip</eb:Property>
2019-08-08 12:56:58,137: INFO - =====
2019-08-08 12:56:58,142: INFO - CompressionType Property for XML Payload:
2019-08-08 12:56:58,148: 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:S11="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:ebbp="http://docs.oasis-open.org/ebxml-bp/ebbp-signals-2.0"
xmlns:S12="http://www.w3.org/2003/05/soap-envelope"
xmlns:wsu="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-wssecurity-utility-1.0.xsd"
xmlns:ds="http://www.w3.org/2000/09/xmldsig#"
xmlns:xlink="http://www.w3.org/1999/xlink"
name="CompressionType">application/gzip</eb:Property>
2019-08-08 12:56:58,153: INFO - =====
2019-08-08 12:56:58,171: INFO - Attachments:
2019-08-08 12:56:58,176: INFO - =====
2019-08-08 12:56:58,184: INFO - Attachment ID: <xmldata@minder>, MimeType: application/gzip
2019-08-08 12:56:58,189: INFO - Compressed HEX payload: 1F8B0800000000000000B3C9CDDCB3B349492DB22B4ECC2DC849B5D107B16DF441C2007E6CD3781C000000
2019-08-08 12:56:58,194: INFO - Decompressed Payload: <min><der>sample</der></min>
2019-08-08 12:56:58,199: INFO -
2019-08-08 12:56:58,205: INFO - =====
2019-08-08 12:56:58,210: INFO - Attachment ID: <custompayload@minder>, MimeType: application/gzip
2019-08-08 12:56:58,216: INFO - Compressed HEX payload:
1F8B080000000000000000535454F0CD4FC94CAB54C84D55484C2B492D52282E4DCACD2C2ECECCCFD351C84C53A8CC2F5548492C4A555404006FDED25E2C000000
2019-08-08 12:56:58,221: INFO - Decompressed Payload: !! Modify me after submission, if you dare!!
2019-08-08 12:56:58,227: INFO -
2019-08-08 12:56:58,232: INFO - =====
2019-08-08 12:56:58,237: INFO - =====
2019-08-08 12:56:58,243: INFO - Forward message to the other side: 1565269018243
2019-08-08 12:56:58,249: INFO - =====
2019-08-08 12:56:58,254: DEBUG - Assign free vars
2019-08-08 12:56:58,259: INFO - > CALL SLOT as4-adapter[8.sendMessage(byte[])]
2019-08-08 12:56:58,379: INFO - < SLOT CALLED as4-adapter[8.sendMessage(byte[])]
2019-08-08 12:56:58,385: INFO - < Rivet finished successfully
2019-08-08 12:56:58,390: INFO - -----

2019-08-08 12:56:58,395: INFO - > RUN RIVET 3
2019-08-08 12:56:58,400: DEBUG - > Wait For Signal:as4-adapter[8.replyReceived(byte[])]
2019-08-08 12:56:58,405: DEBUG - < Signal Arrived: as4-adapter[8.replyReceived(byte[])]
2019-08-08 12:56:58,411: INFO - =====
2019-08-08 12:56:58,416: INFO - Received the Receipt: 1565269018416
2019-08-08 12:56:58,421: INFO - =====
2019-08-08 12:56:58,427: INFO - RECEIPT:
2019-08-08 12:56:58,433: INFO - <?xml version="1.0" encoding="UTF-8"?>
<eb:Messaging xmlns:eb="http://docs.oasis-open.org/ebxml-msg/ebms/v3.0/ns/core/200704/"
xmlns:S11="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:ebbp="http://docs.oasis-open.org/ebxml-bp/ebbp-signals-2.0"
xmlns:S12="http://www.w3.org/2003/05/soap-envelope"
xmlns:wsu="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-wssecurity-utility-1.0.xsd"
xmlns:ds="http://www.w3.org/2000/09/xmldsig#"
xmlns:xlink="http://www.w3.org/1999/xlink"
S12:mustUnderstand="true"
wsu:Id="phase4-msg-bf16f529-9d26-4fd5-a93b-21ed5fce4c8">
<eb:SignalMessage>
<eb:MessageInfo>
<eb:Timestamp>2019-08-08T12:57:03.417</eb:Timestamp>
<eb:MessageId>3f958a00-e860-403d-b0c3-c7a6e18538dd@phase4</eb:MessageId>
<eb:RefToMessageId>7ba3f908-8a7d-4a52-b325-a6609beb0528@mindertestbed.org</eb:RefToMessageId>
</eb:MessageInfo>
<eb:Receipt>
<ebbp:NonRepudiationInformation>
<ebbp:MessagePartNRInformation>
<ds:Reference URI="#phase4-msg-2569971d-6875-4670-a97a-70c4a254c7e1">
<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>D+/gobThylgteDXfFN6IKSzqy4XOM7zsmuxZ1T0y/lE=</ds:DigestValue>
</ds:Reference>
</ebbp:MessagePartNRInformation>
<ebbp:MessagePartNRInformation>
<ds:Reference URI="#id-f50046ce-edbb-43b3-be29-86fb0177e968">
<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>x9qt6iOLuwr5ThuTKdEISnw4ZEPdnTL0gllmU8oBo=</ds:DigestValue>
</ds:Reference>
</ebbp:MessagePartNRInformation>
<ebbp:MessagePartNRInformation>
<ds:Reference URI="cid:xmldata@minder">
<ds:Transforms>
<ds:Transform Algorithm="http://docs.oasis-open.org/wss/oasis-wss-SwAPProfile-1.1#Attachment-Content-Signature-Transform"/>
</ds:Transforms>
<ds:DigestMethod Algorithm="http://www.w3.org/2001/04/xmldsig#sha256"/>
<ds:DigestValue>yqDt8JU9CgV+e+tbUO3wV/jl811CUMDvel8LpSJ14o=</ds:DigestValue>
</ds:Reference>
</ebbp:MessagePartNRInformation>
<ebbp:NonRepudiationInformation>
</eb:Receipt>
</eb:SignalMessage>
</eb:Messaging>
2019-08-08 12:56:58,438: INFO - =====
```

```
2019-08-08 12:56:58,444: DEBUG - Assign free vars
2019-08-08 12:56:58,449: INFO - > CALL SLOT as4-adapter|8.sendResponse(byte[])
2019-08-08 12:56:58,455: INFO - < SLOT CALLED as4-adapter|8.sendResponse(byte[])
2019-08-08 12:56:58,461: INFO - < Rivet finished sucessfully
2019-08-08 12:56:58,466: INFO - -----

2019-08-08 12:56:58,472: INFO - > RUN RIVET 4
2019-08-08 12:56:58,477: DEBUG - > Wait For Signal:genericAS4Corner4|8.receiveMessage(esens.wp6.esensMshBackend.SubmissionData)
2019-08-08 12:56:59,579: DEBUG - < Signal Arrived: genericAS4Corner4|8.receiveMessage(esens.wp6.esensMshBackend.SubmissionData)
2019-08-08 12:56:59,589: INFO - =====
2019-08-08 12:56:59,594: INFO - Corner4 Received Payloads:
2019-08-08 12:56:59,599: INFO - Data
2019-08-08 12:56:59,604: INFO - originalSender: C1
2019-08-08 12:56:59,610: INFO - finalRecipient: C4
2019-08-08 12:56:59,615: INFO - refToMessageld: null
2019-08-08 12:56:59,620: INFO - conversationId: 363916
2019-08-08 12:56:59,625: INFO - messageld: 7ba3f908-8a7d-4a52-b325-a6609beb0528@mindertestbed.org
2019-08-08 12:56:59,630: INFO - to: Minder
2019-08-08 12:56:59,636: INFO - from: null
2019-08-08 12:56:59,641: INFO - pModeld: null
2019-08-08 12:56:59,646: INFO - =====
2019-08-08 12:56:59,653: INFO - payloadId: xmlpayload@minder == type: application/xml.
2019-08-08 12:56:59,658: INFO - <min><der>sample</der></min>
2019-08-08 12:56:59,663: INFO - payloadId: custompayload@minder == type: application/octet-stream.
2019-08-08 12:56:59,668: INFO - !! Modify me after submission, if you dare!!
2019-08-08 12:56:59,675: DEBUG - Assign free vars
2019-08-08 12:56:59,680: INFO - > CALL SLOT NULLADAPTER.NULLSLOT
2019-08-08 12:56:59,685: INFO - < SLOT CALLED NULLADAPTER.NULLSLOT
2019-08-08 12:56:59,691: INFO - < Rivet finished sucessfully
2019-08-08 12:56:59,696: INFO - -----

2019-08-08 12:56:59,701: INFO - > RUN RIVET 5
2019-08-08 12:56:59,706: DEBUG - > Wait For Signal:genericAS4Corner1|8.processNotification(esens.wp6.esensMshBackend.MessageNotification)
2019-08-08 12:56:59,772: DEBUG - < Signal Arrived: genericAS4Corner1|8.processNotification(esens.wp6.esensMshBackend.MessageNotification)
2019-08-08 12:56:59,782: INFO - =====
2019-08-08 12:56:59,787: INFO - Corner1 backend NOTIFICATION
2019-08-08 12:56:59,792: INFO - status :Receipt
2019-08-08 12:56:59,797: INFO - messageld: 7ba3f908-8a7d-4a52-b325-a6609beb0528@mindertestbed.org
2019-08-08 12:56:59,803: INFO - shortDescription: null
2019-08-08 12:56:59,808: INFO - descriptionnull
2019-08-08 12:56:59,813: INFO - =====
2019-08-08 12:56:59,819: DEBUG - Assign free vars
2019-08-08 12:56:59,825: INFO - > CALL SLOT NULLADAPTER.NULLSLOT
2019-08-08 12:56:59,830: INFO - < SLOT CALLED NULLADAPTER.NULLSLOT
2019-08-08 12:56:59,835: INFO - < Rivet finished sucessfully
2019-08-08 12:56:59,840: INFO - -----

2019-08-08 12:56:59,846: INFO - Test #29778 Finished
```

Test Report - AS4_CP_TA25

Overview

Test Group:	AS4 Common Profile Test Assertions
Test Assertion:	AS4_CP_TA25
Test Case:	AS4_CP_TA25_TC01
User:	ROOT
Date:	2019.08.08 12:57:01
System(s) Tested:	1- Phase4

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

Test Assertion Details

TAID:	AS4_CP_TA25
Target:	Payload compression
Normative Source:	[eDelivery-AS4] "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 eDelivery AS4 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

```
2019-08-08 12:57:02,150: INFO - Minder version v2.3.0
2019-08-08 12:57:02,155: INFO - Start Test
2019-08-08 12:57:02,160: INFO - Initialize test case
2019-08-08 12:57:02,169: DEBUG - Parameters
2019-08-08 12:57:02,174: DEBUG - Corner2:phoss-c2
Corner3:phoss-c3
2019-08-08 12:57:02,179: INFO - > Initialize the Adapters
2019-08-08 12:57:02,184: INFO - Call start test on NULLADAPTER
2019-08-08 12:57:02,190: INFO - Obtain SUT Identifiers from NULLADAPTER
2019-08-08 12:57:02,195: INFO - Call start test on as4-adapter
2019-08-08 12:57:02,202: INFO - Obtain SUT Identifiers from as4-adapter
2019-08-08 12:57:02,207: INFO - System Under Test: Phase4
2019-08-08 12:57:02,212: INFO - System Under Test: Phase4
2019-08-08 12:57:02,218: INFO - Call start test on genericAS4Corner4
2019-08-08 12:57:02,223: INFO - Obtain SUT Identifiers from genericAS4Corner4
2019-08-08 12:57:02,229: INFO - Call start test on genericAS4Corner1
2019-08-08 12:57:02,235: INFO - Obtain SUT Identifiers from genericAS4Corner1
2019-08-08 12:57:02,241: INFO - > RUN RIVET 0
2019-08-08 12:57:02,246: DEBUG - Assign free vars
2019-08-08 12:57:02,252: INFO - Corner 2 phoss-c2
2019-08-08 12:57:02,257: INFO - Corner 3 phoss-c3
2019-08-08 12:57:02,282: INFO - > CALL SLOT NULLADAPTER.NULLSLOT
2019-08-08 12:57:02,287: INFO - < SLOT CALLED NULLADAPTER.NULLSLOT
2019-08-08 12:57:02,292: INFO - < Rivet finished sucessfully
2019-08-08 12:57:02,297: INFO - -----

2019-08-08 12:57:02,302: INFO - > RUN RIVET 1
2019-08-08 12:57:02,308: DEBUG - Assign free vars
2019-08-08 12:57:02,313: INFO - > CALL SLOT genericAS4Corner1|8.submitMessage(esens.wp6.esensMshBackend.SubmissionData)
2019-08-08 12:57:02,524: INFO - < SLOT CALLED genericAS4Corner1|8.submitMessage(esens.wp6.esensMshBackend.SubmissionData)
2019-08-08 12:57:02,530: INFO - < Rivet finished sucessfully
2019-08-08 12:57:02,535: INFO - -----

2019-08-08 12:57:02,540: INFO - > RUN RIVET 2
2019-08-08 12:57:02,545: DEBUG - > Wait For Signal:as4-adapter|8.messageReceived(byte[])
2019-08-08 12:57:03,614: DEBUG - < Signal Arrived: as4-adapter|8.messageReceived(byte[])
2019-08-08 12:57:03,620: INFO - =====
2019-08-08 12:57:03,625: INFO - C2 AS4 Message:
2019-08-08 12:57:03,632: INFO - <?xml version="1.0" encoding="UTF-8"?>
<eb:Messaging xmlns:eb="http://docs.oasis-open.org/ebxml-msg/ebms/v3.0/ns/core/200704/"
xmlns:S11="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:ebbp="http://docs.oasis-open.org/ebxml-bp/ebbp-signals-2.0"
xmlns:S12="http://www.w3.org/2003/05/soap-envelope"
xmlns:wsu="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-wssecurity-utility-1.0.xsd"
xmlns:ds="http://www.w3.org/2000/09/xmldsig#"
xmlns:xlink="http://www.w3.org/1999/xlink"
S12:mustUnderstand="true"
wsu:Id="phase4-msg-864b1f1a-9079-48ce-9bed-19b9651d1003">
<eb:UserMessage>
<eb:MessageInfo>
<eb:Timestamp>2019-08-08T12:57:08.464</eb:Timestamp>
<eb:MessageId>aa2d23a7-a0ee-4426-b009-bac5c4940d27@mindentestbed.org</eb:MessageId>
</eb:MessageInfo>
<eb:PartyInfo>
<eb:From>
<eb:PartyId>phoss-c2</eb:PartyId>
<eb:Role>http://www.esens.eu/as4/conformancetest/sut</eb:Role>
</eb:From>
<eb:To>
<eb:PartyId>phoss-c3</eb:PartyId>
<eb:Role>http://docs.oasis-open.org/ebxml-msg/ebms/v3.0/ns/core/200704/responder</eb:Role>
</eb:To>
</eb:PartyInfo>
<eb:CollaborationInfo>
<eb:AgreementRef pmode="phoss-c2-phoss-c3">urn:as4:agreement</eb:AgreementRef>
<eb:Service>SRV_SIMPLE_ONEWAY</eb:Service>
<eb:Action>ACT_SIMPLE_ONEWAY</eb:Action>
<eb:ConversationId>636838</eb:ConversationId>
</eb:CollaborationInfo>
<eb:MessageProperties>
<eb:Property name="originalSender">C1</eb:Property>
<eb:Property name="finalRecipient">C4</eb:Property>
</eb:MessageProperties>
<eb:PayloadInfo>
<eb:PartInfo href="cid:xmlpayload@minder">
<eb:PartProperties>
<eb:Property name="MimeType">application/xml</eb:Property>
<eb:Property name="CharacterSet">ISO-8859-1</eb:Property>
<eb:Property name="CompressionType">application/gzip</eb:Property>
</eb:PartProperties>
</eb:PartInfo>
</eb:PayloadInfo>
</eb:UserMessage>
</eb:Messaging>
2019-08-08 12:57:03,637: INFO - =====
2019-08-08 12:57:03,643: INFO - AS4 message id: aa2d23a7-a0ee-4426-b009-bac5c4940d27@mindentestbed.org
2019-08-08 12:57:03,648: INFO - =====
2019-08-08 12:57:03,654: INFO - Mime Type Property for Xml Payload:
2019-08-08 12:57:03,659: INFO - application/xml
2019-08-08 12:57:03,664: INFO - =====
2019-08-08 12:57:03,669: DEBUG - Assign free vars
2019-08-08 12:57:03,674: INFO - > CALL SLOT as4-adapter|8.sendMessage(byte[])
2019-08-08 12:57:03,831: INFO - < SLOT CALLED as4-adapter|8.sendMessage(byte[])
2019-08-08 12:57:03,836: INFO - < Rivet finished sucessfully
2019-08-08 12:57:03,841: INFO - -----

2019-08-08 12:57:03,847: INFO - > RUN RIVET 3
2019-08-08 12:57:03,852: DEBUG - > Wait For Signal:as4-adapter|8.replyReceived(byte[])
2019-08-08 12:57:03,857: DEBUG - < Signal Arrived: as4-adapter|8.replyReceived(byte[])
```

```
2019-08-08 12:57:03,863: INFO - =====
2019-08-08 12:57:03,869: INFO - Received the Receipt: 1565269023869
2019-08-08 12:57:03,874: INFO - =====
2019-08-08 12:57:03,879: INFO - RECEIPT:
2019-08-08 12:57:03,886: INFO - <?xml version="1.0" encoding="UTF-8"?>
<eb:Messaging xmlns:eb="http://docs.oasis-open.org/ebxml-msg/ebms/v3.0/ns/core/200704/"
xmlns:S11="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:ebbp="http://docs.oasis-open.org/ebxml-bp/ebbp-signals-2.0"
xmlns:S12="http://www.w3.org/2003/05/soap-envelope"
xmlns:wsu="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-wssecurity-utility-1.0.xsd"
xmlns:ds="http://www.w3.org/2000/09/xmldsig#"
xmlns:xlink="http://www.w3.org/1999/xlink"
S12:mustUnderstand="true"
wsu:Id="phase4-msg-d2b201a7-7a2b-4bb1-b180-81ae54018086">
<eb:SignalMessage>
<eb:MessageInfo>
<eb:Timestamp>2019-08-08T12:57:08.850</eb:Timestamp>
<eb:MessageId>9836b8c4-a5f7-456f-ae6a-0127a36df689@phase4</eb:MessageId>
<eb:RefToMessageId>aa2d23a7-a0ee-4426-b009-bac5c4940d27@mindentestbed.org</eb:RefToMessageId>
</eb:MessageInfo>
<eb:Receipt>
<ebbp:NonRepudiationInformation>
<ebbp:MessagePartNRInformation>
<ds:Reference URI="#phase4-msg-864b1f1a-9079-48ce-9bed-19b9651d1003">
<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>ImTWdZDrVt2ehPFF8FOBAXiFV9F3j6xXPuJdE9+BuQ=</ds:DigestValue>
</ds:Reference>
</ebbp:MessagePartNRInformation>
<ebbp:MessagePartNRInformation>
<ds:Reference URI="#id-01893d7c-57df-4692-9b84-4ff5d29ac57d">
<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>bE+y5thJVIZaGSrTPUqZlZQ5AVH89aTgRbNNp7Wq5oY=</ds:DigestValue>
</ds:Reference>
</ebbp:MessagePartNRInformation>
<ebbp:MessagePartNRInformation>
<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>
</ebbp:MessagePartNRInformation>
</ebbp:NonRepudiationInformation>
</eb:Receipt>
</eb:SignalMessage>
</eb:Messaging>
2019-08-08 12:57:03,891: INFO - =====
2019-08-08 12:57:03,897: DEBUG - Assign free vars
2019-08-08 12:57:03,902: INFO - > CALL SLOT as4-adapter|8.sendResponse(byte[])
2019-08-08 12:57:03,908: INFO - < SLOT CALLED as4-adapter|8.sendResponse(byte[])
2019-08-08 12:57:03,913: INFO - < Rivet finished successfully
2019-08-08 12:57:03,920: INFO - -----

2019-08-08 12:57:03,925: INFO - > RUN RIVET 4
2019-08-08 12:57:03,930: DEBUG - > Wait For Signal: genericAS4Corner4|8.receiveMessage(esens.wp6.esensMshBackend.SubmissionData)
2019-08-08 12:57:05,051: DEBUG - < Signal Arrived: genericAS4Corner4|8.receiveMessage(esens.wp6.esensMshBackend.SubmissionData)
2019-08-08 12:57:05,060: INFO - =====
2019-08-08 12:57:05,065: INFO - Corner4 Received Payloads:
2019-08-08 12:57:05,070: INFO - Data
2019-08-08 12:57:05,076: INFO - originalSender: C1
2019-08-08 12:57:05,081: INFO - finalRecipient: C4
2019-08-08 12:57:05,086: INFO - refToMessageId: null
2019-08-08 12:57:05,091: INFO - conversationId: 636838
2019-08-08 12:57:05,096: INFO - messageId: aa2d23a7-a0ee-4426-b009-bac5c4940d27@mindentestbed.org
2019-08-08 12:57:05,101: INFO - to: Minder
2019-08-08 12:57:05,107: INFO - from: null
2019-08-08 12:57:05,112: INFO - pModelId: null
2019-08-08 12:57:05,117: INFO - =====
2019-08-08 12:57:05,124: INFO - payloadId: xmlpayload@minder == type: application/xml.
2019-08-08 12:57:05,130: INFO - <min><der>sample</der></min>
2019-08-08 12:57:05,136: INFO - =====
2019-08-08 12:57:05,141: INFO - =====
2019-08-08 12:57:05,146: DEBUG - Assign free vars
2019-08-08 12:57:05,151: INFO - > CALL SLOT NULLADAPTER.NULLSLOT
2019-08-08 12:57:05,157: INFO - < SLOT CALLED NULLADAPTER.NULLSLOT
2019-08-08 12:57:05,162: INFO - < Rivet finished successfully
2019-08-08 12:57:05,167: INFO - -----

2019-08-08 12:57:05,172: INFO - > RUN RIVET 5
2019-08-08 12:57:05,177: DEBUG - > Wait For Signal: genericAS4Corner1|8.processNotification(esens.wp6.esensMshBackend.MessageNotification)
2019-08-08 12:57:05,223: DEBUG - < Signal Arrived: genericAS4Corner1|8.processNotification(esens.wp6.esensMshBackend.MessageNotification)
2019-08-08 12:57:05,232: INFO - =====
2019-08-08 12:57:05,238: INFO - Corner1 backend NOTIFICATION
2019-08-08 12:57:05,243: INFO - status :Receipt
2019-08-08 12:57:05,248: INFO - messageId: aa2d23a7-a0ee-4426-b009-bac5c4940d27@mindentestbed.org
2019-08-08 12:57:05,254: INFO - shortDescription: null
2019-08-08 12:57:05,259: INFO - descriptionnull
2019-08-08 12:57:05,264: INFO - =====
2019-08-08 12:57:05,270: DEBUG - Assign free vars
2019-08-08 12:57:05,275: INFO - > CALL SLOT NULLADAPTER.NULLSLOT
2019-08-08 12:57:05,281: INFO - < SLOT CALLED NULLADAPTER.NULLSLOT
2019-08-08 12:57:05,286: INFO - < Rivet finished successfully
2019-08-08 12:57:05,291: INFO - -----

2019-08-08 12:57:05,296: INFO - Test #29779 Finished
```

Test Report - AS4_CP_TA26

Overview

Test Group:	AS4 Common Profile Test Assertions
Test Assertion:	AS4_CP_TA26
Test Case:	AS4_CP_TA26_TC01
User:	ROOT
Date:	2019.08.08 12:57:06
System(s) Tested:	1- Phase4

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

Test Assertion Details

TAID:	AS4_CP_TA26
Target:	Payload compression
Normative Source:	[eDelivery-AS4] "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:	Preferred
Prerequisite:	<ul style="list-style-type: none">• SSMH and RSMH are configured to exchange AS4 messages according to the eDelivery AS4 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

```
2019-08-08 12:57:07,599: INFO - Minder version v2.3.0
2019-08-08 12:57:07,604: INFO - Start Test
2019-08-08 12:57:07,610: INFO - Initialize test case
2019-08-08 12:57:07,618: DEBUG - Parameters
2019-08-08 12:57:07,623: DEBUG - Corner2:phoss-c2
Corner3:phoss-c3
2019-08-08 12:57:07,628: INFO - > Initialize the Adapters
2019-08-08 12:57:07,633: INFO - Call start test on NULLADAPTER
2019-08-08 12:57:07,638: INFO - Obtain SUT Identifiers from NULLADAPTER
2019-08-08 12:57:07,643: INFO - Call start test on as4-adapter
2019-08-08 12:57:07,650: INFO - Obtain SUT Identifiers from as4-adapter
2019-08-08 12:57:07,656: INFO - System Under Test: Phase4
2019-08-08 12:57:07,661: INFO - System Under Test: Phase4
2019-08-08 12:57:07,666: INFO - Call start test on genericAS4Corner1
2019-08-08 12:57:07,672: INFO - Obtain SUT Identifiers from genericAS4Corner1
2019-08-08 12:57:07,677: INFO - > RUN RIVET 0
2019-08-08 12:57:07,683: DEBUG - Assign free vars
2019-08-08 12:57:07,689: INFO - Corner 2 phoss-c2
2019-08-08 12:57:07,694: INFO - Corner 3 phoss-c3
2019-08-08 12:57:07,720: INFO - > CALL SLOT NULLADAPTER.NULLSLOT
2019-08-08 12:57:07,725: INFO - < SLOT CALLED NULLADAPTER.NULLSLOT
2019-08-08 12:57:07,730: INFO - < Rivet finished sucessfully
2019-08-08 12:57:07,735: INFO - -----

2019-08-08 12:57:07,741: INFO - > RUN RIVET 1
2019-08-08 12:57:07,746: DEBUG - Assign free vars
2019-08-08 12:57:07,751: INFO - > CALL SLOT genericAS4Corner1|8.submitMessage(esens.wp6.esensMshBackend.SubmissionData)
2019-08-08 12:57:07,954: INFO - < SLOT CALLED genericAS4Corner1|8.submitMessage(esens.wp6.esensMshBackend.SubmissionData)
2019-08-08 12:57:07,960: INFO - < Rivet finished sucessfully
2019-08-08 12:57:07,965: INFO - -----

2019-08-08 12:57:07,970: INFO - > RUN RIVET 2
2019-08-08 12:57:07,975: DEBUG - > Wait For Signal:as4-adapter|8.messageReceived(byte[])
2019-08-08 12:57:09,005: DEBUG - < Signal Arrived: as4-adapter|8.messageReceived(byte[])
2019-08-08 12:57:09,011: INFO - =====
2019-08-08 12:57:09,016: INFO - C2 AS4 Message:
2019-08-08 12:57:09,023: INFO - <?xml version="1.0" encoding="UTF-8"?>
<eb:Messaging xmlns:eb="http://docs.oasis-open.org/ebxml-msg/ebms/v3.0/ns/core/200704/"
xmlns:S11="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:ebbp="http://docs.oasis-open.org/ebxml-bp/ebbp-signals-2.0"
xmlns:S12="http://www.w3.org/2003/05/soap-envelope"
xmlns:wsu="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-wssecurity-utility-1.0.xsd"
xmlns:ds="http://www.w3.org/2000/09/xmldsig#"
xmlns:xlink="http://www.w3.org/1999/xlink"
S12:mustUnderstand="true"
wsu:Id="phase4-msg-aaa2eb0d-8b59-4d0c-b62c-15fb70325435">
<eb:UserMessage>
<eb:MessageInfo>
<eb:Timestamp>2019-08-08T12:57:13.890</eb:Timestamp>
<eb:MessageId>5394b633-6814-4d1f-a766-400a9591f808@mindertestbed.org</eb:MessageId>
</eb:MessageInfo>
<eb:PartyInfo>
<eb:From>
<eb:PartyId>phoss-c2</eb:PartyId>
<eb:Role>http://www.esens.eu/as4/conformancetest/sut</eb:Role>
</eb:From>
<eb:To>
<eb:PartyId>phoss-c3</eb:PartyId>
<eb:Role>http://docs.oasis-open.org/ebxml-msg/ebms/v3.0/ns/core/200704/responder</eb:Role>
</eb:To>
</eb:PartyInfo>
<eb:CollaborationInfo>
<eb:AgreementRef pmode="phoss-c2-phoss-c3">urn:as4:agreement</eb:AgreementRef>
<eb:Service>SRV_SIMPLE_ONEWAY</eb:Service>
<eb:Action>ACT_SIMPLE_ONEWAY</eb:Action>
<eb:ConversationId>549804</eb:ConversationId>
</eb:CollaborationInfo>
<eb:MessageProperties>
<eb:Property name="originalSender">C1</eb:Property>
<eb:Property name="finalRecipient">C4</eb:Property>
</eb:MessageProperties>
<eb:PayloadInfo>
<eb:PartInfo href="cid:xmlpayload@minder">
<eb:PartProperties>
<eb:Property name="MimeType">application/xml</eb:Property>
<eb:Property name="CharacterSet">ISO-8859-1</eb:Property>
<eb:Property name="CompressionType">application/gzip</eb:Property>
</eb:PartProperties>
</eb:PartInfo>
</eb:PayloadInfo>
</eb:UserMessage>
</eb:Messaging>
2019-08-08 12:57:09,029: INFO - =====
2019-08-08 12:57:09,034: INFO - AS4 message id: 5394b633-6814-4d1f-a766-400a9591f808@mindertestbed.org
2019-08-08 12:57:09,039: INFO - =====
2019-08-08 12:57:09,057: INFO - Mime Type Property for Xml Payload:
2019-08-08 12:57:09,063: INFO - application/xml
2019-08-08 12:57:09,068: INFO - MIME TYPE REMOVED!
2019-08-08 12:57:09,073: INFO - <?xml version="1.0" encoding="UTF-8"?>
<eb:Messaging xmlns:eb="http://docs.oasis-open.org/ebxml-msg/ebms/v3.0/ns/core/200704/"
xmlns:S11="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:ebbp="http://docs.oasis-open.org/ebxml-bp/ebbp-signals-2.0"
xmlns:S12="http://www.w3.org/2003/05/soap-envelope"
xmlns:wsu="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-wssecurity-utility-1.0.xsd"
xmlns:ds="http://www.w3.org/2000/09/xmldsig#"
xmlns:xlink="http://www.w3.org/1999/xlink"
S12:mustUnderstand="true"
wsu:Id="phase4-msg-aaa2eb0d-8b59-4d0c-b62c-15fb70325435">
<eb:UserMessage>
```

```
<eb:MessageInfo>
<eb:Timestamp>2019-08-08T12:57:13.890</eb:Timestamp>
<eb:MessageId>5394b633-6814-4d1f-a766-400a9591f808@mindertestbed.org</eb:MessageId>
</eb:MessageInfo>
<eb:PartyInfo>
<eb:From>
<eb:PartyId>phoss-c2</eb:PartyId>
<eb:Role>http://www.esens.eu/as4/conformancetest/sut</eb:Role>
</eb:From>
<eb:To>
<eb:PartyId>phoss-c3</eb:PartyId>
<eb:Role>http://docs.oasis-open.org/ebxml-msg/ebms/v3.0/ns/core/200704/responder</eb:Role>
</eb:To>
</eb:PartyInfo>
<eb:CollaborationInfo>
<eb:AgreementRef pmode="phoss-c2-phoss-c3">urn:as4:agreement</eb:AgreementRef>
<eb:Service>SRV_SIMPLE_ONEWAY</eb:Service>
<eb:Action>ACT_SIMPLE_ONEWAY</eb:Action>
<eb:ConversationId>549804</eb:ConversationId>
</eb:CollaborationInfo>
<eb:MessageProperties>
<eb:Property name="originalSender">C1</eb:Property>
<eb:Property name="finalRecipient">C4</eb:Property>
</eb:MessageProperties>
<eb:PayloadInfo>
<eb:PartInfo href="cid:xmlpayload@minder">
<eb:PartProperties>
<eb:Property name="CharacterSet">ISO-8859-1</eb:Property>
<eb:Property name="CompressionType">application/gzip</eb:Property>
</eb:PartProperties>
</eb:PartInfo>
</eb:PayloadInfo>
</eb:UserMessage>
</eb:Messaging>
2019-08-08 12:57:09,079: INFO - =====
2019-08-08 12:57:09,095: DEBUG - Assign free vars
2019-08-08 12:57:09,101: INFO - > CALL SLOT as4-adapter|8.sendMessage(byte[])
2019-08-08 12:57:09,176: INFO - < SLOT CALLED as4-adapter|8.sendMessage(byte[])
2019-08-08 12:57:09,181: INFO - < Rivet finished sucessfully
2019-08-08 12:57:09,186: INFO - =====

2019-08-08 12:57:09,191: INFO - > RUN RIVET 3
2019-08-08 12:57:09,197: DEBUG - > Wait For Signal:as4-adapter|8.replyReceived(byte[])
2019-08-08 12:57:09,202: DEBUG - < Signal Arrived: as4-adapter|8.replyReceived(byte[])
2019-08-08 12:57:09,208: INFO - =====
2019-08-08 12:57:09,214: INFO - Received the Receipt: 1565269029213
2019-08-08 12:57:09,219: INFO - =====
2019-08-08 12:57:09,224: INFO - RECEIPT:
2019-08-08 12:57:09,231: INFO - <?xml version="1.0" encoding="UTF-8"?>
<eb:Messaging xmlns:eb="http://docs.oasis-open.org/ebxml-msg/ebms/v3.0/ns/core/200704/"
xmlns:S11="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:ebbp="http://docs.oasis-open.org/ebxml-bp/ebbp-signals-2.0"
xmlns:S12="http://www.w3.org/2003/05/soap-envelope"
xmlns:wsu="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-wssecurity-utility-1.0.xsd"
xmlns:ds="http://www.w3.org/2000/09/xmldsig#"
xmlns:xlink="http://www.w3.org/1999/xlink"
wsu:id="phase4-msg-006e1c26-b8da-41a6-9315-f7c0d7039b0d">
<eb:SignalMessage>
<eb:MessageInfo>
<eb:Timestamp>2019-08-08T12:57:14.223</eb:Timestamp>
<eb:MessageId>55a71b00-7296-4244-9734-f0e57afc7d5c@phase4</eb:MessageId>
<eb:RefToMessageId>5394b633-6814-4d1f-a766-400a9591f808@mindertestbed.org</eb:RefToMessageId>
</eb:MessageInfo>
<eb>Error category="Content"
errorCode="EBMS:0003"
refToMessageInError="5394b633-6814-4d1f-a766-400a9591f808@mindertestbed.org"
severity="failure"
shortDescription="ValueInConsistent">
<eb>Description xml:lang="en">ValueInConsistent</eb>Description>
<eb>ErrorDetail>Although the message document is well formed and schema valid, some element/attribute value is inconsistent either with the content of other element/attribute, or
with the processing mode of the MSH, or with the normative requirements of the ebMS specification.</eb>ErrorDetail>
</eb>Error>
</eb:SignalMessage>
</eb:Messaging>
2019-08-08 12:57:09,238: INFO - =====
2019-08-08 12:57:09,244: INFO - Error message
2019-08-08 12:57:09,249: 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:S11="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:ebbp="http://docs.oasis-open.org/ebxml-bp/ebbp-signals-2.0"
xmlns:S12="http://www.w3.org/2003/05/soap-envelope"
xmlns:wsu="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-wssecurity-utility-1.0.xsd"
xmlns:ds="http://www.w3.org/2000/09/xmldsig#"
xmlns:xlink="http://www.w3.org/1999/xlink"
category="Content"
errorCode="EBMS:0003"
refToMessageInError="5394b633-6814-4d1f-a766-400a9591f808@mindertestbed.org"
severity="failure"
shortDescription="ValueInConsistent">
<eb>Description xml:lang="en">ValueInConsistent</eb>Description>
<eb>ErrorDetail>Although the message document is well formed and schema valid, some element/attribute value is inconsistent either with the content of other element/attribute, or
with the processing mode of the MSH, or with the normative requirements of the ebMS specification.</eb>ErrorDetail>
</eb>Error>
2019-08-08 12:57:09,254: INFO - =====
2019-08-08 12:57:09,260: DEBUG - Assign free vars
2019-08-08 12:57:09,265: INFO - > CALL SLOT as4-adapter|8.sendResponse(byte[])
2019-08-08 12:57:09,272: INFO - < SLOT CALLED as4-adapter|8.sendResponse(byte[])
2019-08-08 12:57:09,277: INFO - < Rivet finished sucessfully
2019-08-08 12:57:09,283: INFO - =====

2019-08-08 12:57:09,288: INFO - > RUN RIVET 4
2019-08-08 12:57:09,293: DEBUG - > Wait For Signal:genericAS4Corner1|8.processNotification(esens.wp6.esensMshBackend.MessageNotification)
2019-08-08 12:57:10,578: DEBUG - < Signal Arrived: genericAS4Corner1|8.processNotification(esens.wp6.esensMshBackend.MessageNotification)
2019-08-08 12:57:10,586: INFO - =====
2019-08-08 12:57:10,592: INFO - Corner1 backend NOTIFICATION
```

```
2019-08-08 12:57:10,597: INFO - status :Error
2019-08-08 12:57:10,602: INFO - messageId: 5394b633-6814-4d1f-a766-400a9591f808@mindertestbed.org
2019-08-08 12:57:10,607: INFO - shortDescription: ValueInConsistent
2019-08-08 12:57:10,612: INFO - descriptionnull
2019-08-08 12:57:10,618: INFO - =====
2019-08-08 12:57:10,624: DEBUG - Assign free vars
2019-08-08 12:57:10,629: INFO - > CALL SLOT NULLADAPTER.NULLSLOT
2019-08-08 12:57:10,634: INFO - < SLOT CALLED NULLADAPTER.NULLSLOT
2019-08-08 12:57:10,640: INFO - < Rivet finished sucessfully
2019-08-08 12:57:10,645: INFO - -----
2019-08-08 12:57:10,650: INFO - Test #29780 Finished
```

Test Report - AS4_CP_TA27

Overview

Test Group:	AS4 Common Profile Test Assertions
Test Assertion:	AS4_CP_TA27
Test Case:	AS4_CP_TA27_TC01
User:	ROOT
Date:	2019.08.08 12:57:11
System(s) Tested:	1- Phase4

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

Test Assertion Details

TAID:	AS4_CP_TA27
Target:	Payload compression
Normative Source:	[eDelivery-AS4] "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 eDelivery AS4 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:	
Tag:	Payload, compression, Character Set

Log

```
2019-08-08 12:57:12,962: INFO - Minder version v2.3.0
2019-08-08 12:57:12,967: INFO - Start Test
2019-08-08 12:57:12,972: INFO - Initialize test case
2019-08-08 12:57:12,980: DEBUG - Parameters
2019-08-08 12:57:12,985: DEBUG - Corner2:phoss-c2
Corner3:phoss-c3
2019-08-08 12:57:12,991: INFO - > Initialize the Adapters
2019-08-08 12:57:12,996: INFO - Call start test on NULLADAPTER
2019-08-08 12:57:13,001: INFO - Obtain SUT Identifiers from NULLADAPTER
2019-08-08 12:57:13,006: INFO - Call start test on as4-adapter
2019-08-08 12:57:13,012: INFO - Obtain SUT Identifiers from as4-adapter
2019-08-08 12:57:13,018: INFO - System Under Test: Phase4
2019-08-08 12:57:13,023: INFO - System Under Test: Phase4
2019-08-08 12:57:13,028: INFO - Call start test on genericAS4Corner4
2019-08-08 12:57:13,034: INFO - Obtain SUT Identifiers from genericAS4Corner4
2019-08-08 12:57:13,040: INFO - Call start test on genericAS4Corner1
2019-08-08 12:57:13,046: INFO - Obtain SUT Identifiers from genericAS4Corner1
2019-08-08 12:57:13,052: INFO - > RUN RIVET 0
2019-08-08 12:57:13,057: DEBUG - Assign free vars
2019-08-08 12:57:13,063: INFO - Corner 2 phoss-c2
2019-08-08 12:57:13,068: INFO - Corner 3 phoss-c3
2019-08-08 12:57:13,094: INFO - > CALL SLOT NULLADAPTER.NULLSLOT
2019-08-08 12:57:13,099: INFO - < SLOT CALLED NULLADAPTER.NULLSLOT
2019-08-08 12:57:13,104: INFO - < Rivet finished sucessfully
2019-08-08 12:57:13,109: INFO - -----

2019-08-08 12:57:13,114: INFO - > RUN RIVET 1
2019-08-08 12:57:13,120: DEBUG - Assign free vars
2019-08-08 12:57:13,125: INFO - > CALL SLOT genericAS4Corner1|8.submitMessage(esens.wp6.esensMshBackend.SubmissionData)
2019-08-08 12:57:13,344: INFO - < SLOT CALLED genericAS4Corner1|8.submitMessage(esens.wp6.esensMshBackend.SubmissionData)
2019-08-08 12:57:13,349: INFO - < Rivet finished sucessfully
2019-08-08 12:57:13,354: INFO - -----

2019-08-08 12:57:13,359: INFO - > RUN RIVET 2
2019-08-08 12:57:13,364: DEBUG - > Wait For Signal:as4-adapter|8.messageReceived(byte[])
2019-08-08 12:57:14,423: DEBUG - < Signal Arrived: as4-adapter|8.messageReceived(byte[])
2019-08-08 12:57:14,430: INFO - =====
2019-08-08 12:57:14,435: INFO - C2 AS4 Message:
2019-08-08 12:57:14,443: INFO - <?xml version="1.0" encoding="UTF-8"?>
<eb:Messaging xmlns:eb="http://docs.oasis-open.org/ebxml-msg/ebms/v3.0/ns/core/200704/"
xmlns:S11="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:ebbp="http://docs.oasis-open.org/ebxml-bp/ebbp-signals-2.0"
xmlns:S12="http://www.w3.org/2003/05/soap-envelope"
xmlns:wsu="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-wssecurity-utility-1.0.xsd"
xmlns:ds="http://www.w3.org/2000/09/xmldsig#"
xmlns:xlink="http://www.w3.org/1999/xlink"
S12:mustUnderstand="true"
wsu:Id="phase4-msg-05c67aba-5e86-4010-ba38-5a2e102358d2">
<eb:UserMessage>
<eb:MessageInfo>
<eb:Timestamp>2019-08-08T12:57:19.295</eb:Timestamp>
<eb:MessageId>877abcc5-3e1e-4b85-b56b-78d409c81840@mindentestbed.org</eb:MessageId>
</eb:MessageInfo>
<eb:PartyInfo>
<eb:From>
<eb:PartyId>phoss-c2</eb:PartyId>
<eb:Role>http://www.esens.eu/as4/conformancetest/sut</eb:Role>
</eb:From>
<eb:To>
<eb:PartyId>phoss-c3</eb:PartyId>
<eb:Role>http://docs.oasis-open.org/ebxml-msg/ebms/v3.0/ns/core/200704/responder</eb:Role>
</eb:To>
</eb:PartyInfo>
<eb:CollaborationInfo>
<eb:AgreementRef pmode="phoss-c2-phoss-c3">urn:as4:agreement</eb:AgreementRef>
<eb:Service>SRV_SIMPLE_ONEWAY</eb:Service>
<eb:Action>ACT_SIMPLE_ONEWAY</eb:Action>
<eb:ConversationId>303387</eb:ConversationId>
</eb:CollaborationInfo>
<eb:MessageProperties>
<eb:Property name="originalSender">C1</eb:Property>
<eb:Property name="finalRecipient">C4</eb:Property>
</eb:MessageProperties>
<eb:PayloadInfo>
<eb:PartInfo href="cid:xmlpayload@minder">
<eb:PartProperties>
<eb:Property name="MimeType">application/xml</eb:Property>
<eb:Property name="CharacterSet">UTF-16</eb:Property>
<eb:Property name="CompressionType">application/gzip</eb:Property>
</eb:PartProperties>
</eb:PartInfo>
</eb:PayloadInfo>
</eb:UserMessage>
</eb:Messaging>
2019-08-08 12:57:14,448: INFO - =====
2019-08-08 12:57:14,454: INFO - AS4 message id: 877abcc5-3e1e-4b85-b56b-78d409c81840@mindentestbed.org
2019-08-08 12:57:14,459: INFO - =====
2019-08-08 12:57:14,465: INFO - Payload CharSet: UTF-16
2019-08-08 12:57:14,470: INFO - =====
2019-08-08 12:57:14,475: DEBUG - Assign free vars
2019-08-08 12:57:14,480: INFO - > CALL SLOT as4-adapter|8.sendMessage(byte[])
2019-08-08 12:57:14,619: INFO - < SLOT CALLED as4-adapter|8.sendMessage(byte[])
2019-08-08 12:57:14,624: INFO - < Rivet finished sucessfully
2019-08-08 12:57:14,630: INFO - -----

2019-08-08 12:57:14,635: INFO - > RUN RIVET 3
2019-08-08 12:57:14,640: DEBUG - > Wait For Signal:as4-adapter|8.replyReceived(byte[])
2019-08-08 12:57:14,645: DEBUG - < Signal Arrived: as4-adapter|8.replyReceived(byte[])
2019-08-08 12:57:14,651: INFO - =====
```



```

2019-08-08 12:57:14,657: INFO - Received Receipt: 1562269034657
2019-08-08 12:57:14,663: INFO - =====
2019-08-08 12:57:14,669: INFO - RECEIPT
2019-08-08 12:57:14,674: INFO - <?xml version="1.0" encoding="UTF-8"?>
<S12:Header xmlns:S12="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"
xmlns:wsu="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-wssecurity-utility-1.0.xsd"
S12:mustUnderstand="true">
<wsse:BinarySecurityToken EncodingType="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-soap-message-security-1.0#Base64Binary"
ValueType="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-x509-token-profile-1.0#X509v3"
wsu:Id="#X509-bb787a90-46a5-4b46-be6f-
7d00e6f3a654">MIIDdzCCAIA+gAwIBAgIEa5bQAjANBgkqhkiG9w0BAQsFADBBSMQswCQYDVQQGEwJFVTERMA8GA1UECBMlcGhvc3MtYzZmXzETAPBgNVBACtCHBob3NzLWZmZMRw
DwYDVQKKEwhwaG9zcyc1JmZERMMA8GA1UECjMlcGhvc3MtYzZmXzETAPBgNVBAMTCHBob3NzLWZmZMRwDwYDVQKKEwhwaG9zcyc1JmZERMMA8GA1UECjMlcGhvc3MtYzZmXzETAPBgNVBAsTCHBob3NzLWZmZMRwDwYDVQKKEwhwaG9zc
y1JmZCAsIAwDQYJKoZIhvcNAQEBBQADggEPADCCAQoCgggEBAJrgRWo9a7DiX0yH+0ACnX8hUbbtCHLuiSdeucPI2fnfWh8XorPka5rSIRJb61bU6AC/pNFK3EdtlhPxFs5AjzJ6c5U8okM
36R8JZdry5Hfo0tGqRlnTBXNgaE2qxvdrrJhiZPHguNYe7sRgAyd2kFVWRuXAq8aAD23DBG9X1r8dDscSAPnrUx4LF8SIqqrSbtk0OU1fykoADsoDZhxrKvC3oDHEMMM4kiOb9/GWmFcH
AzG5UjY15P62lIJWCRDi4c3/Aj0MIMWzeWdVufXpv2doQ1lAua9L3bbply7DDvAbtvASwLk5QjQfVX0u3Fxo5BkkeloF5TH4n0RmLKOAyCawEAAaMhMB8wHQYDVROBBYEPFZbvaU9
/2qALJgmQckKtSgd5xG/MA0GCSqGSIb3DQEBwUAA4IBAQBHGwsgC7vPMYru8b4CgV3E3YeXIUPDYn3jOBBDZJevBhSIFPjdZ7IbP1EGcB8yIXD0d6/atwTbiX2+P+od3q+4ZuB2ktGJSd
51lQrMDhaJo3GL7GcmSASWG3YjffX1/Yu6VogaS/ZYmflVrnatHuD1YG4c6Zbf5P3vw0xVHNTtTFDB8Zp9mKPKPJ3m2sOFii2JODzAgoTf/GeZaXHPVU58bQ+KiZ8EvZvPoPiXty4aU1xd4d
ILSEGHdaptO6vVLBYM43DUwFob4i9l/ybn6iZKdAc3GSZIDkZsvTmbUe2QNs+Mqp3VrPL3fMU9ig182UqIDHcMGx177haJi+</wsse:BinarySecurityToken>
<ds:Signature xmlns:ds="http://www.w3.org/2000/09/xmldsig#"
Id="#SIG-582a089d-84e1-4154-a103-4cbd39155e94">
<ds:SignedInfo>
<ds:CanonicalizationMethod Algorithm="http://www.w3.org/2001/10/xml-exc-c14n#">
<ec:InclusiveNamespaces xmlns:ec="http://www.w3.org/2001/10/xml-exc-c14n#" PrefixList="S12"/>
</ds:CanonicalizationMethod>
<ds:SignatureMethod Algorithm="http://www.w3.org/2001/04/xmldsig-more#rsa-sha256"/>
<ds:Reference URI="#phase4-msg-d08fff1c-b0be-4af0-94e1-1ac1963eac4b">
<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>Yu5q74CYIMI3Rke0dBmfwZXsBY8+Zkhe4fCymbJ0hrc=</ds:DigestValue>
</ds:Reference>
<ds:Reference URI="#d-ce3bc24c-3cb2-496f-a795-01387c332589">
<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>0qzfIOGg0YSBQcChQU8SutN2xxgp9l0uSw9LsnZJJE8=</ds:DigestValue>
</ds:Reference>
</ds:SignedInfo>
<ds:SignatureValue>Iy+ZhqCs4bDIXQqllG7fJelCv3EZv/VMzHjzJGblh73TTdwdsXPRoVo3YUNxzKNAPajoDWFaFurSekSDA/1x96e6mpYum/sthyRUPDNEMAz+WZCQsIIBPI8LWZU9Ky
AQOMe3hMz6z7DPGjasiXBqrC0nZEte/BaijApHZYBi2XCfj+FC9lKvJrB4ovXgFUFH5j17zFwFq8Viybic2JLTnmZvMHNvLg54dxGCoz46sc+8BEtsWw6YLfNkZgE2xfaUPrrja5ieLzl8eGLgx
K6ofztgYbw3EKqQLKTSXjzUfMrbbjimpZpgloXq92u85Ds7o8mNgmUcyJ3ZypnFE9S4Q==</ds:SignatureValue>
</ds:KeyInfo>
Id="KI-abc5df1c-c442-4ec2-a34c-3c4e52ab1714">
<wsse:SecurityTokenReference wsu:Id="STR-060d604d-4ac3-4dfd-961e-dda4b6509935">
<wsse:Reference URI="#X509-bb787a90-46a5-4b46-be6f-7d00e6f3a654"
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:S11="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:ebbp="http://docs.oasis-open.org/ebxml-bp/ebbp-signals-2.0"
xmlns:wsu="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-wssecurity-utility-1.0.xsd"
xmlns:ds="http://www.w3.org/2000/09/xmldsig#"
xmlns:xlink="http://www.w3.org/1999/xlink"
S12:mustUnderstand="true"
wsu:Id="phase4-msg-d08fff1c-b0be-4af0-94e1-1ac1963eac4b">
<eb:SignalMessage>
<eb:MessageInfo>
<eb:Timestamp>2019-08-08T12:57:19.643</eb:Timestamp>
<eb:MessageId>8c133719-1444-430d-ae30-aa51f647e961@phase4</eb:MessageId>
<eb:RefToMessageId>877abcc5-3e1e-4b85-b56b-78d409c81840@mindentestbed.org</eb:RefToMessageId>
</eb:MessageInfo>
<eb:Receipt>
<ebbp:NonRepudiationInformation>
<ebbp:MessagePartNRInformation>
<ds:Reference URI="#phase4-msg-05c67aba-5e86-4010-ba38-5a2e102358d2">
<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>Vf9Uctr0tzVjrR0q9BGWI0uAI6Uv9vbFH4i0KKwhbwE=</ds:DigestValue>
</ds:Reference>
</ebbp:MessagePartNRInformation>
<ebbp:MessagePartNRInformation>
<ds:Reference URI="#d-cb9f66f3-418c-4872-aca9-a38207b01fd">
<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>R13PYTCT09pvBFxr7bzRR8JpvDU02aXd7BFLYm9z2g=</ds:DigestValue>
</ds:Reference>
</ebbp:MessagePartNRInformation>
<ebbp:NonRepudiationInformation>
<eb:Receipt>
<eb:SignalMessage>
</eb:Messaging>
</S12:Header>
2019-08-08 12:57:14,679: INFO - =====
2019-08-08 12:57:14,685: DEBUG - Assign free vars
2019-08-08 12:57:14,690: INFO - > CALL SLOT as4-adapter|8.sendResponse(byte[])
2019-08-08 12:57:14,702: INFO - < SLOT CALLED as4-adapter|8.sendResponse(byte[])

```

```
2019-08-08 12:57:14,707: INFO - < Rivet finished sucessfully
2019-08-08 12:57:14,712: INFO - -----

2019-08-08 12:57:14,717: INFO - > RUN RIVET 4
2019-08-08 12:57:14,723: DEBUG - > Wait For Signal:genericAS4Corner4|8.receiveMessage(esens.wp6.esensMshBackend.SubmissionData)
2019-08-08 12:57:15,794: DEBUG - < Signal Arrived: genericAS4Corner4|8.receiveMessage(esens.wp6.esensMshBackend.SubmissionData)
2019-08-08 12:57:15,803: INFO - =====
2019-08-08 12:57:15,808: INFO - Corner4 Received Payloads:
2019-08-08 12:57:15,813: INFO - Data
2019-08-08 12:57:15,819: INFO - originalSender: C1
2019-08-08 12:57:15,824: INFO - finalRecipient: C4
2019-08-08 12:57:15,829: INFO - refToMessageld: null
2019-08-08 12:57:15,835: INFO - conversationId: 303387
2019-08-08 12:57:15,840: INFO - messageld: 877abcc5-3e1e-4b85-b56b-78d409c81840@mindertestbed.org
2019-08-08 12:57:15,845: INFO - to: Minder
2019-08-08 12:57:15,851: INFO - from: null
2019-08-08 12:57:15,856: INFO - pModelId: null
2019-08-08 12:57:15,861: INFO - =====
2019-08-08 12:57:15,868: INFO - payloadId: xmlpayload@minder == type: application/xml.
2019-08-08 12:57:15,873: INFO - <min><der>sample</der></min>
2019-08-08 12:57:15,879: INFO - =====
2019-08-08 12:57:15,884: INFO - =====
2019-08-08 12:57:15,889: DEBUG - Assign free vars
2019-08-08 12:57:15,894: INFO - > CALL SLOT NULLADAPTER.NULLSLOT
2019-08-08 12:57:15,900: INFO - < SLOT CALLED NULLADAPTER.NULLSLOT
2019-08-08 12:57:15,905: INFO - < Rivet finished sucessfully
2019-08-08 12:57:15,910: INFO - -----

2019-08-08 12:57:15,915: INFO - > RUN RIVET 5
2019-08-08 12:57:15,921: DEBUG - > Wait For Signal:genericAS4Corner1|8.processNotification(esens.wp6.esensMshBackend.MessageNotification)
2019-08-08 12:57:15,987: DEBUG - < Signal Arrived: genericAS4Corner1|8.processNotification(esens.wp6.esensMshBackend.MessageNotification)
2019-08-08 12:57:15,996: INFO - =====
2019-08-08 12:57:16,002: INFO - Corner1 backend NOTIFICATION
2019-08-08 12:57:16,007: INFO - status :Receipt
2019-08-08 12:57:16,012: INFO - messageld: 877abcc5-3e1e-4b85-b56b-78d409c81840@mindertestbed.org
2019-08-08 12:57:16,017: INFO - shortDescription: null
2019-08-08 12:57:16,023: INFO - descriptionnull
2019-08-08 12:57:16,028: INFO - =====
2019-08-08 12:57:16,034: DEBUG - Assign free vars
2019-08-08 12:57:16,039: INFO - > CALL SLOT NULLADAPTER.NULLSLOT
2019-08-08 12:57:16,045: INFO - < SLOT CALLED NULLADAPTER.NULLSLOT
2019-08-08 12:57:16,050: INFO - < Rivet finished sucessfully
2019-08-08 12:57:16,055: INFO - -----

2019-08-08 12:57:16,060: INFO - Test #29781 Finished
```

Test Report - AS4_CP_TA28

Overview

Test Group:	AS4 Common Profile Test Assertions
Test Assertion:	AS4_CP_TA28
Test Case:	AS4_CP_TA28_TC01
User:	ROOT
Date:	2019.08.08 12:57:17
System(s) Tested:	1- Phase4

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

Test Assertion Details

TAID:	AS4_CP_TA28
Target:	Payload compression
Normative Source:	[eDelivery-AS4] "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 eDelivery AS4 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

```
2019-08-08 12:57:18,469: INFO - Minder version v2.3.0
2019-08-08 12:57:18,474: INFO - Start Test
2019-08-08 12:57:18,479: INFO - Initialize test case
2019-08-08 12:57:18,487: DEBUG - Parameters
2019-08-08 12:57:18,493: DEBUG - Corner2:phoss-c2
Corner3:phoss-c3
2019-08-08 12:57:18,498: INFO - > Initialize the Adapters
2019-08-08 12:57:18,503: INFO - Call start test on NULLADAPTER
2019-08-08 12:57:18,508: INFO - Obtain SUT Identifiers from NULLADAPTER
2019-08-08 12:57:18,513: INFO - Call start test on as4-adapter
2019-08-08 12:57:18,520: INFO - Obtain SUT Identifiers from as4-adapter
2019-08-08 12:57:18,526: INFO - System Under Test: Phase4
2019-08-08 12:57:18,531: INFO - System Under Test: Phase4
2019-08-08 12:57:18,536: INFO - Call start test on genericAS4Corner4
2019-08-08 12:57:18,542: INFO - Obtain SUT Identifiers from genericAS4Corner4
2019-08-08 12:57:18,548: INFO - Call start test on genericAS4Corner1
2019-08-08 12:57:18,554: INFO - Obtain SUT Identifiers from genericAS4Corner1
2019-08-08 12:57:18,559: INFO - > RUN RIVET 0
2019-08-08 12:57:18,565: DEBUG - Assign free vars
2019-08-08 12:57:18,570: INFO - Corner 2 phoss-c2
2019-08-08 12:57:18,576: INFO - Corner 3 phoss-c3
2019-08-08 12:57:18,601: INFO - > CALL SLOT NULLADAPTER.NULLSLOT
2019-08-08 12:57:18,606: INFO - < SLOT CALLED NULLADAPTER.NULLSLOT
2019-08-08 12:57:18,611: INFO - < Rivet finished sucessfully
2019-08-08 12:57:18,617: INFO - -----

2019-08-08 12:57:18,622: INFO - > RUN RIVET 1
2019-08-08 12:57:18,627: DEBUG - Assign free vars
2019-08-08 12:57:18,632: INFO - > CALL SLOT genericAS4Corner1|8.submitMessage(esens.wp6.esensMshBackend.SubmissionData)
2019-08-08 12:57:18,638: INFO - < SLOT CALLED genericAS4Corner1|8.submitMessage(esens.wp6.esensMshBackend.SubmissionData)
2019-08-08 12:57:18,644: INFO - < Rivet finished sucessfully
2019-08-08 12:57:18,649: INFO - -----

2019-08-08 12:57:18,654: INFO - > RUN RIVET 2
2019-08-08 12:57:18,659: DEBUG - > Wait For Signal:as4-adapter|8.messageReceived(byte[])
2019-08-08 12:57:19,995: DEBUG - < Signal Arrived: as4-adapter|8.messageReceived(byte[])
2019-08-08 12:57:20,001: INFO - =====
2019-08-08 12:57:20,006: INFO - C2 AS4 Message:
2019-08-08 12:57:20,014: INFO - <?xml version="1.0" encoding="UTF-8"?>
<eb:Messaging xmlns:eb="http://docs.oasis-open.org/ebxml-msg/ebms/v3.0/ns/core/200704/"
xmlns:S11="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:ebbp="http://docs.oasis-open.org/ebxml-bp/ebbp-signals-2.0"
xmlns:S12="http://www.w3.org/2003/05/soap-envelope"
xmlns:wsu="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-wssecurity-utility-1.0.xsd"
xmlns:ds="http://www.w3.org/2000/09/xmldsig#"
xmlns:xlink="http://www.w3.org/1999/xlink"
S12:mustUnderstand="true"
wsu:Id="phase4-msg-38ce52e7-7b1e-4cf8-90bf-ec58e225953e">
<eb:UserMessage>
<eb:MessageInfo>
<eb:Timestamp>2019-08-08T12:57:24.831</eb:Timestamp>
<eb:MessageId>1d511989-a155-4404-822c-f05014c592a2@mindentestbed.org</eb:MessageId>
</eb:MessageInfo>
<eb:PartyInfo>
<eb:From>
<eb:PartyId>phoss-c2</eb:PartyId>
<eb:Role>http://www.esens.eu/as4/conformancetest/sut</eb:Role>
</eb:From>
<eb:To>
<eb:PartyId>phoss-c3</eb:PartyId>
<eb:Role>http://docs.oasis-open.org/ebxml-msg/ebms/v3.0/ns/core/200704/responder</eb:Role>
</eb:To>
</eb:PartyInfo>
<eb:CollaborationInfo>
<eb:AgreementRef pmode="phoss-c2-phoss-c3">urn:as4:agreement</eb:AgreementRef>
<eb:Service>SRV_SIMPLE_ONEWAY</eb:Service>
<eb:Action>ACT_SIMPLE_ONEWAY</eb:Action>
<eb:ConversationId>283677</eb:ConversationId>
</eb:CollaborationInfo>
<eb:MessageProperties>
<eb:Property name="originalSender">C1</eb:Property>
<eb:Property name="finalRecipient">C4</eb:Property>
</eb:MessageProperties>
<eb:PayloadInfo>
<eb:PartInfo href="cid:xmlpayload@minder">
<eb:PartProperties>
<eb:Property name="MimeType">application/xml</eb:Property>
<eb:Property name="CharacterSet">UTF-8</eb:Property>
<eb:Property name="CompressionType">application/gzip</eb:Property>
</eb:PartProperties>
</eb:PartInfo>
</eb:PayloadInfo>
</eb:UserMessage>
</eb:Messaging>
2019-08-08 12:57:20,019: INFO - =====
2019-08-08 12:57:20,025: INFO - AS4 message id: 1d511989-a155-4404-822c-f05014c592a2@mindentestbed.org
2019-08-08 12:57:20,030: INFO - =====
2019-08-08 12:57:20,035: INFO - Payload CharSet: UTF-8
2019-08-08 12:57:20,040: INFO - =====
2019-08-08 12:57:20,046: DEBUG - Assign free vars
2019-08-08 12:57:20,051: INFO - > CALL SLOT as4-adapter|8.sendMessage(byte[])
2019-08-08 12:57:20,187: INFO - < SLOT CALLED as4-adapter|8.sendMessage(byte[])
2019-08-08 12:57:20,192: INFO - < Rivet finished sucessfully
2019-08-08 12:57:20,197: INFO - -----

2019-08-08 12:57:20,202: INFO - > RUN RIVET 3
2019-08-08 12:57:20,207: DEBUG - > Wait For Signal:as4-adapter|8.replyReceived(byte[])
2019-08-08 12:57:20,213: DEBUG - < Signal Arrived: as4-adapter|8.replyReceived(byte[])
2019-08-08 12:57:20,218: INFO - =====
```

```

2019-08-08 12:57:20,225: INFO - Received Receipt: 1565296040224
2019-08-08 12:57:20,230: INFO - =====
2019-08-08 12:57:20,236: INFO - RECEIPT:
2019-08-08 12:57:20,241: INFO - <?xml version="1.0" encoding="UTF-8"?>
<S12:Header xmlns:S12="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"
xmlns:wsu="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-wssecurity-utility-1.0.xsd"
S12:mustUnderstand="true">
<wsse:BinarySecurityToken EncodingType="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-soap-message-security-1.0#Base64Binary"
ValueType="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-x509-token-profile-1.0#X509v3"
wsu:Id="#X509-3f25b3f3-f775-4e3a-8e17-
75fb39c2d7b3">MIIDdzCCAAlgAwIBAgIEA5bQAJANBgkqhkiG9w0BAQsFADBsMQswCQYDVQQGEwJFVTERMA8GA1UECBMlcGhvciMzYTZmXmETAPBgnVBACtCHBob3NzLWLMzMREw
DwYDVQKEwhwaG9zcycyJmZERMA8GA1UECMLicGhvciMzYTZmXmETAPBgnVBAMTCHBob3NzLWLMzMBA4XDTE5MDYwMzEOMzUyMFoXDTE5MDYwMjEOMzUyMFowbDZELMAKGA1UEB
hMCVRVUxETAPBgnVBAGtCHBob3NzLWLMzMREwDwYDVQQHEWhwaG9zcycyJmZERMA8GA1UEChMlcGhvciMzYTZmXmETAPBgnVBAsTCHBob3NzLWLMzMREwDwYDVQQDEWhwaG9zc
y1JmZCCASlwdDQYJKoZIhvcNAQEBAQAdggEPADCCAQoCggEBAJRgRWo9a7DiX0yH+0AcnX8hUbbtCHLuiSDaucPI2fnfWh8XorPka5rSIRJb61bU6AC/pNFK3EdtlhPxFs5AjzJ6c5U8okM
36R8IZdry5ftO0tgqRlnTBXNGaE2qxvdrrJhiZPHGuNYe7sRgAydzkFWWRuXAa8uAD23DBG9X1r8dDscSApnrUx4LF8SIqqwrSbtK0OU1fykoADsoDZhxrKVC3oDHMMMM4kiOb9/GWmFcH
AzGU5jYI5PG2lljWCrdi4c3/Aj0MIMWzeWDvUfXpv2doQ1IAua9L3bbply7DDvAbtvASwLk5QjqVfX0u3Fxo5BkkeloF5TH4n0RmLKOAyCcAAwEAAMhMB8wHQYDVROBBYEFPZzbvaU9
7ZQAALJgmQckktSGdsXg/MA0GCCSQGSilb3DQEBECwUAA4IBAQBHGwsgC7vPMYru8b4Cgv3E3YeXIUPDYn3JOBDZJevBhSIFPjdZ7IbP1EGcB8yIXD0d6/atwTbiX2+P+od3q+4/ZuB2ktGJSd
51IQ/M/DhaJo/3GL7GcmSASWG3YjfFX1/Yu6VogaSZYmfIVrnatHuD1YG4c6Zbf5P3vw0xVHNTtTFDB8Zp9mKPKPJ3m2sOFii2JODzAgoTfGeZaXHPVU58bQ+KiZ8EvZvPoPiXty4AUld4d
ILSEGHdaptO6vVLBYM43DUwFob4i9I/ybn6iZKDcAc3GSZDKZsvTmbUe2QN+sMqp3VrpL3fMU9ig182UqlDHCmgx1/77haJji+</wsse:BinarySecurityToken>
<ds:Signature xmlns:ds="http://www.w3.org/2000/09/xmldsig#"
Id="#SIG-dfbaab3e-1722-4275-a70d-22e8d316076e">
<ds:SignedInfo>
<ds:CanonicalizationMethod Algorithm="http://www.w3.org/2001/10/xml-exc-c14n#">
<ec:InclusiveNamespaces xmlns:ec="http://www.w3.org/2001/10/xml-exc-c14n#" PrefixList="S12"/>
</ds:CanonicalizationMethod>
<ds:SignatureMethod Algorithm="http://www.w3.org/2001/04/xmldsig-more#rsa-sha256"/>
<ds:Reference URI="#phase4-msg-76615053-842a-4cb6-b08a-4f647be184d">
<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>apnlr3nQnzXgR2oSYQ6M6wqOF0WdCDg85v3/sK60Mkk=</ds:DigestValue>
</ds:Reference>
<ds:Reference URI="#id-c3ca21ae-35dc-4f66-bac6-82fab681b55a">
<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>gjugaZEK3/IBtPaxJ3rdX5PVgMhBmP1QIRAcAY6gGpY=</ds:DigestValue>
</ds:Reference>
</ds:SignedInfo>
<ds:SignatureValue>LSFiDa1gbBVjwdvOfIfA2rLWCjMYvAFiC3xgaxpJdHr8QJNGDAUsSuZUNGvu85O3R/IzOrfPKCo+8VY2k91cWmX3dWYcDXKeZQnsTo6t5VUofk+QLpAyHA6CGbs
XRXIDDHvtmvYgwlfQUOKR/C+7ICOTVomh0rvhdIDBR5sS7HgJ/N69xpToOrvTE20JBPEKEIMHwmrAZIwakya3ROjcOuUp8x1f8LIvkdwZrQqXJ9TYnhl6RsLC/vh5MLHpBU++VFEjgh
41ZkdD0Tjjn+GX+Al/dwdyqJiLHTWgrUUIRHpuVijRq82kvcaaPOEZygGog2mU5S++5q1z9hWzQ==</ds:SignatureValue>
<ds:KeyInfo Id="KI-9ea43309-a85c-4ff3-8387-b3bcdcfb188c">
<wsse:SecurityTokenReference wsu:Id="STR-5fbc3fb1-dd32-4e2f-9c4a-9315853169c3">
<wsse:Reference URI="#X509-3f25b3f3-f775-4e3a-8e17-75fb39c2d7b3"
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:S11="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:ebbp="http://docs.oasis-open.org/ebxml-bp/ebbp-signals-2.0"
xmlns:wsu="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-wssecurity-utility-1.0.xsd"
xmlns:ds="http://www.w3.org/2000/09/xmldsig#"
xmlns:xlink="http://www.w3.org/1999/xlink"
S12:mustUnderstand="true"
wsu:Id="phase4-msg-76615053-842a-4cb6-b08a-4f647be184d">
<eb:SignalMessage>
<eb:MessageInfo>
<eb:Timestamp>2019-08-08T12:57:25.217</eb:Timestamp>
<eb:MessageId>a712df40-4af8-494e-96f3-78fac0717ad@phase4</eb:MessageId>
<eb:RefToMessageId>1d511989-a155-4404-822c-f05014c592a2@mindentestbed.org</eb:RefToMessageId>
</eb:MessageInfo>
<eb:Receipt>
<ebbp:NonRepudiationInformation>
<ebbp:MessagePartNRInformation>
<ds:Reference URI="#phase4-msg-38ce52e7-7b1e-4cf8-90bf-ec58e225953e">
<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>eoS+MU5UMumXs7TGwOYkrbwX1fnZRxvDDWMr9Db6CVQ=</ds:DigestValue>
</ds:Reference>
</ebbp:MessagePartNRInformation>
<ebbp:MessagePartNRInformation>
<ds:Reference URI="#id-d13fc45e-ac21-4280-8ccc-58ea7659df43">
<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>NLGe6B9748noeOJikQt6tn7MN6d/TRbkx46xW8XHs=</ds:DigestValue>
</ds:Reference>
</ebbp:MessagePartNRInformation>
<ebbp:MessagePartNRInformation>
<ds:Reference URI="#cid:xmldatapayload@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+tbUO3wV/jl811CUMDvel8LpSJ14o=</ds:DigestValue>
</ds:Reference>
</ebbp:MessagePartNRInformation>
</ebbp:NonRepudiationInformation>
</eb:Receipt>
</eb:SignalMessage>
</eb:Messaging>
</S12:Header>
2019-08-08 12:57:20,247: INFO - =====
2019-08-08 12:57:20,252: DEBUG - Assign free vars
2019-08-08 12:57:20,257: INFO - > CALL SLOT as4-adapter|8.sendResponse(byte[])
2019-08-08 12:57:20,263: INFO - < SLOT CALLED as4-adapter|8.sendResponse(byte[])

```

```
2019-08-08 12:57:20,268: INFO - < Rivet finished sucessfully
2019-08-08 12:57:20,274: INFO - -----

2019-08-08 12:57:20,279: INFO - > RUN RIVET 4
2019-08-08 12:57:20,284: DEBUG - > Wait For Signal:genericAS4Corner4|8.receiveMessage(esens.wp6.esensMshBackend.SubmissionData)
2019-08-08 12:57:21,344: DEBUG - < Signal Arrived: genericAS4Corner4|8.receiveMessage(esens.wp6.esensMshBackend.SubmissionData)
2019-08-08 12:57:21,354: INFO - =====
2019-08-08 12:57:21,359: INFO - Corner4 Received Payloads:
2019-08-08 12:57:21,364: INFO - Data
2019-08-08 12:57:21,369: INFO - originalSender: C1
2019-08-08 12:57:21,374: INFO - finalRecipient: C4
2019-08-08 12:57:21,380: INFO - refToMessageId: null
2019-08-08 12:57:21,385: INFO - conversationId: 283677
2019-08-08 12:57:21,390: INFO - messageId: 1d511989-a155-4404-822c-f05014c592a2@mindertestbed.org
2019-08-08 12:57:21,395: INFO - to: Minder
2019-08-08 12:57:21,400: INFO - from: null
2019-08-08 12:57:21,406: INFO - pModelId: null
2019-08-08 12:57:21,411: INFO - =====
2019-08-08 12:57:21,418: INFO - payloadId: xmlpayload@minder == type: application/xml.
2019-08-08 12:57:21,423: INFO - <min><der>sample</der></min>
2019-08-08 12:57:21,429: INFO - =====
2019-08-08 12:57:21,435: DEBUG - Assign free vars
2019-08-08 12:57:21,440: INFO - > CALL SLOT NULLADAPTER.NULLSLOT
2019-08-08 12:57:21,445: INFO - < SLOT CALLED NULLADAPTER.NULLSLOT
2019-08-08 12:57:21,450: INFO - < Rivet finished sucessfully
2019-08-08 12:57:21,455: INFO - -----

2019-08-08 12:57:21,460: INFO - > RUN RIVET 5
2019-08-08 12:57:21,466: DEBUG - > Wait For Signal:genericAS4Corner1|8.processNotification(esens.wp6.esensMshBackend.MessageNotification)
2019-08-08 12:57:21,574: DEBUG - < Signal Arrived: genericAS4Corner1|8.processNotification(esens.wp6.esensMshBackend.MessageNotification)
2019-08-08 12:57:21,583: INFO - =====
2019-08-08 12:57:21,588: INFO - Corner1 backend NOTIFICATION
2019-08-08 12:57:21,593: INFO - status :Receipt
2019-08-08 12:57:21,598: INFO - messageId: 1d511989-a155-4404-822c-f05014c592a2@mindertestbed.org
2019-08-08 12:57:21,604: INFO - shortDescription: null
2019-08-08 12:57:21,609: INFO - descriptionnull
2019-08-08 12:57:21,614: INFO - =====
2019-08-08 12:57:21,620: DEBUG - Assign free vars
2019-08-08 12:57:21,626: INFO - > CALL SLOT NULLADAPTER.NULLSLOT
2019-08-08 12:57:21,631: INFO - < SLOT CALLED NULLADAPTER.NULLSLOT
2019-08-08 12:57:21,636: INFO - < Rivet finished sucessfully
2019-08-08 12:57:21,641: INFO - -----

2019-08-08 12:57:21,646: INFO - Test #29782 Finished
```

Test Report - AS4_CP_TA29

Overview

Test Group:	AS4 Common Profile Test Assertions
Test Assertion:	AS4_CP_TA29
Test Case:	AS4_CP_TA29_TC01
User:	ROOT
Date:	2019.08.08 12:57:22
System(s) Tested:	1- Phase4

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

Test Assertion Details

TAID:	AS4_CP_TA29
Target:	Payload compression
Normative Source:	[eDelivery-AS4] "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:	Preferred
Prerequisite:	• SSMH and RSMH are configured to exchange AS4 messages according to the eDelivery AS4 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

```
2019-08-08 12:57:23,956: INFO - Minder version v2.3.0
2019-08-08 12:57:23,961: INFO - Start Test
2019-08-08 12:57:23,967: INFO - Initialize test case
2019-08-08 12:57:23,974: DEBUG - Parameters
2019-08-08 12:57:23,980: DEBUG - Corner2:phoss-c2
Corner3:phoss-c3
2019-08-08 12:57:23,985: INFO - > Initialize the Adapters
2019-08-08 12:57:23,990: INFO - Call start test on NULLADAPTER
2019-08-08 12:57:23,995: INFO - Obtain SUT Identifiers from NULLADAPTER
2019-08-08 12:57:24,000: INFO - Call start test on as4-adapter
2019-08-08 12:57:24,007: INFO - Obtain SUT Identifiers from as4-adapter
2019-08-08 12:57:24,012: INFO - System Under Test: Phase4
2019-08-08 12:57:24,018: INFO - System Under Test: Phase4
2019-08-08 12:57:24,023: INFO - Call start test on genericAS4Corner1
2019-08-08 12:57:24,029: INFO - Obtain SUT Identifiers from genericAS4Corner1
2019-08-08 12:57:24,034: INFO - > RUN RIVET 0
2019-08-08 12:57:24,040: DEBUG - Assign free vars
2019-08-08 12:57:24,045: INFO - =====
2019-08-08 12:57:24,051: INFO - Corner 2 phoss-c2
2019-08-08 12:57:24,056: INFO - Corner 3 phoss-c3
2019-08-08 12:57:24,061: INFO - =====
2019-08-08 12:57:24,087: INFO - > CALL SLOT NULLADAPTER.NULLSLOT
2019-08-08 12:57:24,093: INFO - < SLOT CALLED NULLADAPTER.NULLSLOT
2019-08-08 12:57:24,098: INFO - < Rivet finished sucessfully
2019-08-08 12:57:24,103: INFO - -----

2019-08-08 12:57:24,108: INFO - > RUN RIVET 1
2019-08-08 12:57:24,113: DEBUG - Assign free vars
2019-08-08 12:57:24,119: INFO - > CALL SLOT genericAS4Corner1|8.submitMessage(esens.wp6.esensMshBackend.SubmissionData)
2019-08-08 12:57:24,345: INFO - < SLOT CALLED genericAS4Corner1|8.submitMessage(esens.wp6.esensMshBackend.SubmissionData)
2019-08-08 12:57:24,350: INFO - < Rivet finished sucessfully
2019-08-08 12:57:24,355: INFO - -----

2019-08-08 12:57:24,360: INFO - > RUN RIVET 2
2019-08-08 12:57:24,366: DEBUG - > Wait For Signal:as4-adapter|8.messageReceived(byte[])
2019-08-08 12:57:25,380: DEBUG - < Signal Arrived: as4-adapter|8.messageReceived(byte[])
2019-08-08 12:57:25,386: INFO - =====
2019-08-08 12:57:25,391: INFO - C2 AS4 Message:
2019-08-08 12:57:25,398: INFO - <?xml version="1.0" encoding="UTF-8"?>
<eb:Messaging xmlns:eb="http://docs.oasis-open.org/ebxml-msg/ebms/v3.0/ns/core/200704/"
xmlns:S11="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:ebbp="http://docs.oasis-open.org/ebxml-bp/ebbp-signals-2.0"
xmlns:S12="http://www.w3.org/2003/05/soap-envelope"
xmlns:wsu="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-wssecurity-utility-1.0.xsd"
xmlns:ds="http://www.w3.org/2000/09/xmldsig#"
xmlns:xlink="http://www.w3.org/1999/xlink"
S12:mustUnderstand="true"
wsu:Id="phase4-msg-6928c23c-a363-4aff-bd1a-615510c53311">
<eb:UserMessage>
<eb:MessageInfo>
<eb:Timestamp>2019-08-08T12:57:30.276</eb:Timestamp>
<eb:MessageId>14462229-5bce-4c46-b09c-191e3508f674@mindertestbed.org</eb:MessageId>
</eb:MessageInfo>
<eb:PartyInfo>
<eb:From>
<eb:PartyId>phoss-c2</eb:PartyId>
<eb:Role>http://www.esens.eu/as4/conformancetest/sut</eb:Role>
</eb:From>
<eb:To>
<eb:PartyId>phoss-c3</eb:PartyId>
<eb:Role>http://docs.oasis-open.org/ebxml-msg/ebms/v3.0/ns/core/200704/responder</eb:Role>
</eb:To>
</eb:PartyInfo>
<eb:CollaborationInfo>
<eb:AgreementRef pmode="phoss-c2-phoss-c3">urn:as4:agreement</eb:AgreementRef>
<eb:Service>SRV_SIMPLE_ONEWAY</eb:Service>
<eb:Action>ACT_SIMPLE_ONEWAY</eb:Action>
<eb:ConversationId>496934</eb:ConversationId>
</eb:CollaborationInfo>
<eb:MessageProperties>
<eb:Property name="originalSender">C1</eb:Property>
<eb:Property name="finalRecipient">C4</eb:Property>
</eb:MessageProperties>
<eb:PayloadInfo>
<eb:PartInfo href="cid:xmlpayload@minder">
<eb:PartProperties>
<eb:Property name="MimeType">application/xml</eb:Property>
<eb:Property name="CharacterSet">UTF-8</eb:Property>
<eb:Property name="CompressionType">application/gzip</eb:Property>
</eb:PartProperties>
</eb:PartInfo>
</eb:PayloadInfo>
</eb:UserMessage>
</eb:Messaging>
2019-08-08 12:57:25,403: INFO - =====
2019-08-08 12:57:25,409: INFO - AS4 message id: 14462229-5bce-4c46-b09c-191e3508f674@mindertestbed.org
2019-08-08 12:57:25,414: INFO - =====
2019-08-08 12:57:25,432: INFO - Payload CharSet: UTF-8
2019-08-08 12:57:25,438: INFO - =====
2019-08-08 12:57:25,443: INFO - AS4Message After Character Set Modification
2019-08-08 12:57:25,448: INFO - <?xml version="1.0" encoding="UTF-8"?>
<S12:Header xmlns:S12="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:S11="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:ebbp="http://docs.oasis-open.org/ebxml-bp/ebbp-signals-2.0"
xmlns:wsu="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-wssecurity-utility-1.0.xsd"
xmlns:ds="http://www.w3.org/2000/09/xmldsig#"
xmlns:xlink="http://www.w3.org/1999/xlink"
S12:mustUnderstand="true"
```



```
wsu:Id="phase4-msg-6928c23c-a363-4aff-bd1a-615510c53311">
<eb:UserMessage>
<eb:MessageInfo>
<eb:Timestamp>2019-08-08T12:57:30.276</eb:Timestamp>
<eb:MessageId>14462229-5bce-4c46-b09c-191e3508f674@mindertestbed.org</eb:MessageId>
</eb:MessageInfo>
<eb:PartyInfo>
<eb:From>
<eb:PartyId>phoss-c2</eb:PartyId>
<eb:Role>http://www.esens.eu/as4/conformancetest/sut</eb:Role>
</eb:From>
<eb:To>
<eb:PartyId>phoss-c3</eb:PartyId>
<eb:Role>http://docs.oasis-open.org/ebxml-msg/ebms/v3.0/ns/core/200704/responder</eb:Role>
</eb:To>
</eb:PartyInfo>
<eb:CollaborationInfo>
<eb:AgreementRef pmode="phoss-c2-phoss-c3">urn:as4:agreement</eb:AgreementRef>
<eb:Service>SRV_SIMPLE_ONEWAY</eb:Service>
<eb:Action>ACT_SIMPLE_ONEWAY</eb:Action>
<eb:ConversationId>496934</eb:ConversationId>
</eb:CollaborationInfo>
<eb:MessageProperties>
<eb:Property name="originalSender">C1</eb:Property>
<eb:Property name="finalRecipient">C4</eb:Property>
</eb:MessageProperties>
<eb:PayloadInfo>
<eb:PartInfo href="cid:xmlpayload@minder">
<eb:PartProperties>
<eb:Property name="MimeType">application/xml</eb:Property>
<eb:Property name="CharacterSet">utf</eb:Property>
<eb:Property name="CompressionType">application/gzip</eb:Property>
</eb:PartProperties>
</eb:PartInfo>
</eb:PayloadInfo>
</eb:UserMessage>
</eb:Messaging>
</S12:Header>
2019-08-08 12:57:25,454: INFO - =====
2019-08-08 12:57:25,470: DEBUG - Assign free vars
2019-08-08 12:57:25,476: INFO - > CALL SLOT as4-adapter|8.sendMessage(byte[])
2019-08-08 12:57:25,560: INFO - < SLOT CALLED as4-adapter|8.sendMessage(byte[])
2019-08-08 12:57:25,565: INFO - < Rivet finished successfully
2019-08-08 12:57:25,570: INFO - -----

2019-08-08 12:57:25,576: INFO - > RUN RIVET 3
2019-08-08 12:57:25,581: DEBUG - > Wait For Signal:as4-adapter|8.replyReceived(byte[])
2019-08-08 12:57:25,586: DEBUG - < Signal Arrived: as4-adapter|8.replyReceived(byte[])
2019-08-08 12:57:25,592: INFO - =====
2019-08-08 12:57:25,598: INFO - Received the Receipt: 1565269045598
2019-08-08 12:57:25,604: INFO - =====
2019-08-08 12:57:25,610: INFO - RECEIPT:
2019-08-08 12:57:25,615: INFO - <?xml version="1.0" encoding="UTF-8"?>
<S12:Header xmlns:S12="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:S11="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:ebbp="http://docs.oasis-open.org/ebxml-bp/ebbp-signals-2.0"
xmlns:wsu="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-wssecurity-utility-1.0.xsd"
xmlns:ds="http://www.w3.org/2000/09/xmldsig#"
xmlns:xlink="http://www.w3.org/1999/xlink"
wsu:Id="phase4-msg-a11a37e8-8b18-453b-b891-9ecd4538a87f">
<eb:SignalMessage>
<eb:MessageInfo>
<eb:Timestamp>2019-08-08T12:57:30.609</eb:Timestamp>
<eb:MessageId>5bf0deb4-706f-4337-9784-7703c0b29dc4@phase4</eb:MessageId>
<eb:RefToMessageId>14462229-5bce-4c46-b09c-191e3508f674@mindertestbed.org</eb:RefToMessageId>
</eb:MessageInfo>
<eb:Error category="Content"
errorCode="EBMS:0003"
refToMessageId="14462229-5bce-4c46-b09c-191e3508f674@mindertestbed.org"
severity="failure"
shortDescription="ValueInConsistent">
<eb:Description xml:lang="en">ValueInConsistent</eb:Description>
<eb:ErrorDetail>Although the message document is well formed and schema valid, some element/attribute value is inconsistent either with the content of other element/attribute, or
with the processing mode of the MSH, or with the normative requirements of the ebMS specification.</eb:ErrorDetail>
</eb:Error>
</eb:SignalMessage>
</eb:Messaging>
</S12:Header>
2019-08-08 12:57:25,620: INFO - =====
2019-08-08 12:57:25,626: INFO - Error message
2019-08-08 12:57:25,631: 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:S11="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:ebbp="http://docs.oasis-open.org/ebxml-bp/ebbp-signals-2.0"
xmlns:S12="http://www.w3.org/2003/05/soap-envelope"
xmlns:wsu="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-wssecurity-utility-1.0.xsd"
xmlns:ds="http://www.w3.org/2000/09/xmldsig#"
xmlns:xlink="http://www.w3.org/1999/xlink"
category="Content"
errorCode="EBMS:0003"
refToMessageId="14462229-5bce-4c46-b09c-191e3508f674@mindertestbed.org"
severity="failure"
shortDescription="ValueInConsistent">
<eb:Description xml:lang="en">ValueInConsistent</eb:Description>
<eb:ErrorDetail>Although the message document is well formed and schema valid, some element/attribute value is inconsistent either with the content of other element/attribute, or
with the processing mode of the MSH, or with the normative requirements of the ebMS specification.</eb:ErrorDetail>
</eb:Error>
2019-08-08 12:57:25,636: INFO - =====
2019-08-08 12:57:25,642: DEBUG - Assign free vars
2019-08-08 12:57:25,647: INFO - > CALL SLOT as4-adapter|8.sendResponse(byte[])
2019-08-08 12:57:25,653: INFO - < SLOT CALLED as4-adapter|8.sendResponse(byte[])
2019-08-08 12:57:25,658: INFO - < Rivet finished successfully
2019-08-08 12:57:25,663: INFO - -----
```

```
2019-08-08 12:57:25,669: INFO - > RUN RIVET 4
2019-08-08 12:57:25,674: DEBUG - > Wait For Signal:genericAS4Corner1|8.processNotification(esens.wp6.esensMshBackend.MessageNotification)
2019-08-08 12:57:27,012: DEBUG - < Signal Arrived: genericAS4Corner1|8.processNotification(esens.wp6.esensMshBackend.MessageNotification)
2019-08-08 12:57:27,020: INFO - =====
2019-08-08 12:57:27,026: INFO - Corner1 backend NOTIFICATION
2019-08-08 12:57:27,031: INFO - status :Error
2019-08-08 12:57:27,036: INFO - messageId: 14462229-5bce-4c46-b09c-191e3508f674@mindertestbed.org
2019-08-08 12:57:27,041: INFO - shortDescription: ValueInConsistent
2019-08-08 12:57:27,046: INFO - descriptionnull
2019-08-08 12:57:27,052: INFO - =====
2019-08-08 12:57:27,058: DEBUG - Assign free vars
2019-08-08 12:57:27,064: INFO - > CALL SLOT NULLADAPTER.NULLSLOT
2019-08-08 12:57:27,069: INFO - < SLOT CALLED NULLADAPTER.NULLSLOT
2019-08-08 12:57:27,074: INFO - < Rivet finished sucessfully
2019-08-08 12:57:27,079: INFO - -----
2019-08-08 12:57:27,085: INFO - Test #29783 Finished
```

Test Report - AS4_CP_TA30

Overview

Test Group:	AS4 Common Profile Test Assertions
Test Assertion:	AS4_CP_TA30
Test Case:	AS4_CP_TA30_TC01
User:	ROOT
Date:	2019.08.08 12:57:28
System(s) Tested:	1- Phase4

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

Test Assertion Details

TAID: AS4_CP_TA30

Target: Message compression

Normative Source: [eDelivery-AS4] "In case an error occurs during decompression, the following error MUST be used: Code = EBMS:0303, Short Description = DecompressionFailure, Severity = Failure, Category = Communication." "For the error handling feature this profile specifies that errors MUST be reported and transmitted synchronously to the Sender and SHOULD be reported to the Consumer and the Producer. Note that the two error notification parameters do not affect interoperability between Sender and Receiver MSH. • The parameter PMode[].ErrorHandling.Report.AsResponse MUST be set to the value true. • The parameter PMode[].ErrorHandling.Report.ProcessErrorNotifyConsumer SHOULD be set to the value true. • The parameter PMode[].ErrorHandling.Report.ProcessErrorNotifyProducer SHOULD be set to the value true."

Prescription Level: Mandatory

Prerequisite: • SSMH and RSMH are configured to exchange AS4 messages according to the eDelivery AS4 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 RMSH 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


```
<ASGUYjYISPG2lIjWCRDI4c3/AJ0IMIMwZeWDvntfXpv2doQ1IAua9L3bbply7DDVAbtvAswLk5qJdFyX0u3Fxo5BKKeloF5TH4n0RmLKAOYAcyAcAwEAAAMhMB8whQYDVR0OBByEFYPZbvbaYr  
/ZQAAlJgMqcKtSgd5xG/MAOgcSQGSib3DQEBCwUAA4IBAQBHGwsGCTvPMYru8b4Cgv3E3YeXIUPDYn3JOBDzJevBHSlFPjdZ7lbP1EGeCB8ylXD0d6/atwTbiX2+P+od3q+4/ZuB2ktGJSdr  
51lQRMDhaJo/3GL7GcmSASWG3Yjfx1/YueVoGasZYmfIVrnatHuDTYG4cz6bf5P3vv0xVHNTITTDDB8zp9mkPKPPJ3m2soFIi2JODzaGoT/GeZaxHPVU58bQ+KiZ8EvZvPoPiXty4aUlXdAd  
ILSEGHdqpfO6vVLBYM43DUwfob4i9Iiybn6IZkdAc3GSZIDkZsvTmbUE2QN+sMqp3VrpL3fMU9ig182qlDHCmgx17/hajJi+</wssse:BinarySecurityToken>  
  
<xenc:EncryptedKey xmlns:xenc="http://www.w3.org/2001/04/xmldsig#"  
Id="EK-e44bcd7c-390e-433b-8f52-d3673c3a634e">  
<xenc:EncryptionMethod Algorithm="http://www.w3.org/2009/xmldsig#rsa-oaep->  
<ds:DigestMethod xmlns:ds="http://www.w3.org/2000/09/xmldsig#"  
Algorithm="http://www.w3.org/2001/04/xmldsig#sha256"/>  
<xenc:MGF xmlns:xenc11="http://www.w3.org/2009/xmldsig#"  
Algorithm="http://www.w3.org/2009/xmldsig#mgf1sha256"/>  
</xenc:EncryptionMethod>  
<ds:KeyInfo xmlns:ds="http://www.w3.org/2000/09/xmldsig#"  
<wssse:SecurityTokenReference>  
<wssse:Reference URI="#Ge40da2bf-8de3-4195-a72c-f35f868975a7"  
ValueType="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-x509-token-profile-1.0/X509v3"/>  
</wssse:SecurityTokenReference>  
</ds:KeyInfo>  
<xenc:CipherData>  
<xenc:CipherValue=GUCknexCgzNcvOCgf474cecHyuYtHKu2lv7uwkOP4Z8cV0kfmx8E/rsO78kPR7MQg+V/1JgML6+FdlDJCKeoJLnVVoyBVbgRRuzRT8filRRmeHHmmJqbX50rZbhYrd  
lbSAEN6br14Awk2qcEr2QR9b8uES86TYzhKiz+EMNFaHe8qm3UZUXp4NOBUXNiRVefCiCzgCG/X92+xbLXi2AiWe6WibuwkYTRO7lejtJ4c0Qe77mLonrYiyzM8JuBziXHecmcjpfzvFS  
qWeSr995eKk3vjifB9igDXe8qLUzIFBRWNZW92DUf5Zvr0o2OXyUNJ3OsJINZ3C8qlREUA==</xenc:CipherValue>  
</xenc:CipherData>  
<xenc:ReferenceList>  
<xenc:DataReference URI="#ED-494ed85e-d873-40ca-a747-17eabc667760"/>  
</xenc:ReferenceList>  
</xenc:EncryptedKey>  
  
<xenc:EncryptedData xmlns:xenc="http://www.w3.org/2001/04/xmldsig#"  
Id="ED-494ed85e-d873-40ca-a747-17eabc667760"  
MimeType="application/gzip"  
Type="http://docs.oasis-open.org/wss/oasis-wss-SwAProfile-1.1#Attachment-Content-Only">  
<xenc:EncryptionMethod Algorithm="http://www.w3.org/2009/xmldsig#aes128-gcm"/>  
<ds:KeyInfo xmlns:ds="http://www.w3.org/2000/09/xmldsig#"  
<wssse:SecurityTokenReference xmlns:wssse11="http://docs.oasis-open.org/wss/oasis-wss-security-sectext-1.1.xsd"  
wssse11:TokenType="http://docs.oasis-open.org/wss/oasis-wss-soap-message-security-1.1#EncryptedKey">  
<wssse:Reference URI="#EK-e44bcd7c-390e-433b-8f52-d3673c3a634e"/>  
</wssse:SecurityTokenReference>  
</ds:KeyInfo>  
<xenc:CipherData>  
<xenc:CipherReference URI="cid:xmldata@minder">  
<xenc:Transforms>  
<ds:Transform xmlns:ds="http://www.w3.org/2000/09/xmldsig#"  
Algorithm="http://docs.oasis-open.org/wss/oasis-wss-SwAProfile-1.1#Attachment-Ciphertext-Transform"/>  
</xenc:Transforms>  
</xenc:CipherReference>  
</xenc:CipherData>  
</xenc:EncryptedData>  
  
<wssse: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=#X509-c7a56a0c-69af-4abd-912f-de99378f94e">  
MIIDdzCCAIfgAwIBAgIEWYEPANBgqhkhkiG9wBAQFAADBsMQswCQYDVQQGEWFJVTERMA8GA1UECBMicGhvcs3MtYzlxEETAPBgNVBACjCHBob3NzLWMymREwDwYDVQQDEWhwaG9zcyc1JM  
DrYDVQQKEWhwaG9zcyc1jmJERMA8GA1UEChMicGhvcs3MtYzlxEETAPBgNVBAsTCjCHBob3NzLWMymREwDwYDVQQDEWhwaG9zcyc1JM  
jcCAStwDQYJKoZIhvcNAQEBBQADggEPADCCAQoCggEBAIL2bKkvxzZUZYraMsJqdQWdQRSCA0FRV7z6eqNJlpLPHTOUJaEfri/Sdz5oHMtT/y/bAqk9ZpqfIk05ZrnNBkaONLC/TMX  
8gpccZP2lKyO6p05Y27ZklpuWWo8+xTtYTk+QGWOAZKEOU3Zw7e7UnLOSPumZA4pLuSF54oljGzoUBWYYR6JPuuALWbCK7+irDN95F4soCYAgqP3jlwalWiJmJHZC4dqNk2S3ev3D5/chxm  
EApxBXBFfQoXonKo047XqGL5U2gqNKwuIOeCVLw+1CJKAAGCJzwfEl/M1i+FsqPQ0PbvZ2JgXJleoZ5Y7lplV1Cv8736Q++cekCtDaq93cCAwEAAAMhMB8WHQYDVR0OBByEFDWvad1  
9aj0iOrgyeV5lrkk0qqOYMAOGCSQSib3DQEBCwUAA4IBAQB+9+cioFGG3un06Fi8KdsAcnx+a8Ra0SUQPmqYuXBfGWxiJn/7IUANARxoo1KUa1dLYrt9GMjJeIPyh/zmtasptychSuB119NR  
auT1In8rVNkK3mEarwFYBoEnPhvsSUBntJAtdwyUVvgDLXIKJEhcVvhbuICarSwGPouPUF7/1L7JBThSB3RPCi8kDi2kcQzbWVMsb83aURq+fj84JC1xsQMWFIIQXqaOmqrMTNTQ5g  
HCKJTfOpKxp88YKWlh+/x5yVTnGiIf+gz7OpeFRkqtocU3BLGYti8GT29joZ9i966ZC5PrKnrlvw7amHIZIUgfpOiWJm3zHu8J9P6m7d/4</wssse:BinarySecurityToken>  
  
Id="SIG-obad4df5d-af67-4526-b06b-f047975f94d9">  
<ds:SignedInfo>  
<ds:CanonicalizationMethod Algorithm="http://www.w3.org/2001/10/xml-exc-c14n#">  
<ec:InclusiveNamespaces xmlns:ec="http://www.w3.org/2001/10/xml-exc-c14n#" PrefixList="S12"/>  
</ds:CanonicalizationMethod>  
<ds:SignatureMethod Algorithm="http://www.w3.org/2001/04/xmldsig-more#rsa-sha256"/>  
<ds:Reference URI="#phase4-msg-a5553e07-e96f-4e24-896c-0a59f49c6143">  
<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=qCKXuZpLrOzePlPO90gm3LCwDB5fQ16Qy1v+42/84=</ds:DigestValue>  
</ds:Reference>  
<ds:Reference URI="#id-04bbebd46-b953-4d6b-aa40-7a7e6de766aa">  
<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=CIWKVOLRFRIImQnmMcce50ttArcdubeEOdZL1oqdcgg</ds:DigestValue>  
</ds:Reference>  
<ds:Reference URI="cid:xmldata@minder">  
<ds:Transforms>  
<ds:Transform Algorithm="http://docs.oasis-open.org/wss/oasis-wss-SwAProfile-1.1#Attachment-Content-Signature-Transform"/>  
</ds:Transforms>  
<ds:DigestMethod Algorithm="http://www.w3.org/2001/04/xmldsig#sha256"/>  
<ds:DigestValue=yqDt8JU9cGV++tbFU03wV/jl811CUMDVel8LpSJ14o=</ds:DigestValue>  
</ds:Reference>  
</ds:SignedInfo>  
<ds:SignatureValue=F5GU5dqtc74B0MdAZvk6csGiDRCe7cHd3bQL2kk3/OeL5BN3vBioJvJltaulXEualzPJZvZov3MS5NLigA6Zkb58VEjfRTcByreHK+k0sdUmcyZssh9LAHF92rcZvKgfv  
B4HEKSKNCtGVNM6WaiJOAI1qfiVZqmWWI7Jc7LrL+wDnP80k7lWfhGLBndRUFRfrUQUQM/7LAB81qXAmaq2QC4cqJ+GybzbGo43C9hSGAo+uuyozGefoCzL4skHxtwt7EI3TUfwicPpjv  
3pUzCOahx73dCQ4SX+8vixQ6wReEbPkT+qNCwbSMGTOdydg3gemE1MaYrWoouHg4s5zmz=</ds:SignatureValue>  
  
<ds:KeyInfo Id="KI-044aca53-1538-43e2-ad56-ee13fb08f270">  
<wssse:SecurityTokenReference wsu:Id="STR-88cbc4ea-70f3-4225-9a66-aa93c6795622">  
<wssse:Reference URI="#X509-c7a56a0c-69af-4abd-912f-de99378f94e"  
ValueType="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-x509-token-profile-1.0/X509v3"/>  
</wssse:SecurityTokenReference>  
</ds:KeyInfo>  
</ds:Signature>  
</wssse:Security>
```

2019-08-08 12:57:30,863: INFO - Compressed HEX payload: 1F8B08000000000000B3C9CDCCB3B349492DB22B4ECC2DC849B5D107B16DF441C2007E6CD3781C000000
2019-08-08 12:57:30,868: INFO - Decompressed Payload: <min><der>sample</der></min>
2019-08-08 12:57:30,876: INFO - DAMAGED data (HEX):1FFC0800004E00160000B3C9CDCCB3B349497BB22B4ECC2D6949B5D107B16DF441C2957E6CD3781C0FF800
2019-08-08 12:57:30,881: INFO -
2019-08-08 12:57:30,886: INFO - =====
2019-08-08 12:57:30,892: INFO - =====
2019-08-08 12:57:30,911: DEBUG - Assign free vars
2019-08-08 12:57:30,916: INFO - > CALL SLOT as4-adapter|8.sendMessage(byte[])
2019-08-08 12:57:30,994: INFO - < SLOT CALLED as4-adapter|8.sendMessage(byte[])
2019-08-08 12:57:31,000: INFO - < Rivet finished sucessfully
2019-08-08 12:57:31,005: INFO - -----

2019-08-08 12:57:31,010: INFO - > RUN RIVET 3
2019-08-08 12:57:31,015: DEBUG - > Wait For Signal:as4-adapter|8.replyReceived(byte[])
2019-08-08 12:57:31,020: DEBUG - < Signal Arrived: as4-adapter|8.replyReceived(byte[])
2019-08-08 12:57:31,026: INFO - =====
2019-08-08 12:57:31,032: INFO - Received Receipt: 1565269051032
2019-08-08 12:57:31,037: INFO - =====
2019-08-08 12:57:31,043: INFO - RECEIPT:
2019-08-08 12:57:31,049: INFO - <?xml version="1.0" encoding="UTF-8"?>
<eb:Messaging xmlns:eb="http://docs.oasis-open.org/ebxml-msg/ebms/v3.0/ns/core/200704/"
xmlns:S11="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:ebbp="http://docs.oasis-open.org/ebxml-bp/ebbp-signals-2.0"
xmlns:S12="http://www.w3.org/2003/05/soap-envelope"
xmlns:wsu="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-wssecurity-utility-1.0.xsd"
xmlns:ds="http://www.w3.org/2000/09/xmldsig#"
xmlns:xlink="http://www.w3.org/1999/xlink"
wsu:Id="phase4-msg-e03aeb5b-0c92-4116-a858-e7695abc1325">
<eb:SignalMessage>
<eb:MessageInfo>
<eb:Timestamp>2019-08-08T12:57:36.061</eb:Timestamp>
<eb:MessageId>f5a86b4b-89af-4a87-b120-c70e1df20dee@phase4</eb:MessageId>
<eb:RefToMessageId>2c724243-d90c-422e-ae5f-138c26a6439a@mindertestbed.org</eb:RefToMessageId>
</eb:MessageInfo>
<eb:Error category="Communication"
errorCode="EBMS:0303"
refToMessageIdError="2c724243-d90c-422e-ae5f-138c26a6439a@mindertestbed.org"
severity="failure"
shortDescription="DecompressionFailure">
<eb:Description xml:lang="en">DecompressionFailure</eb:Description>
<eb:ErrorDetail>An error occurred during the decompression.</eb:ErrorDetail>
</eb:Error>
</eb:SignalMessage>
</eb:Messaging>
2019-08-08 12:57:31,054: INFO - =====
2019-08-08 12:57:31,060: INFO - Found Error Element. Now check the fields.
2019-08-08 12:57:31,066: DEBUG - Assign free vars
2019-08-08 12:57:31,071: INFO - > CALL SLOT as4-adapter|8.sendResponse(byte[])
2019-08-08 12:57:31,078: INFO - < SLOT CALLED as4-adapter|8.sendResponse(byte[])
2019-08-08 12:57:31,083: INFO - < Rivet finished sucessfully
2019-08-08 12:57:31,088: INFO - -----

2019-08-08 12:57:31,093: INFO - > RUN RIVET 4
2019-08-08 12:57:31,099: DEBUG - > Wait For Signal:genericAS4Corner1|8.processNotification(esens.wp6.esens.MshBackend.MessageNotification)
2019-08-08 12:57:32,363: DEBUG - < Signal Arrived: genericAS4Corner1|8.processNotification(esens.wp6.esens.MshBackend.MessageNotification)
2019-08-08 12:57:32,372: INFO - =====
2019-08-08 12:57:32,377: INFO - Corner1 backend NOTIFICATION
2019-08-08 12:57:32,382: INFO - status :Error
2019-08-08 12:57:32,387: INFO - messageId: 2c724243-d90c-422e-ae5f-138c26a6439a@mindertestbed.org
2019-08-08 12:57:32,393: INFO - shortDescription: DecompressionFailure
2019-08-08 12:57:32,398: INFO - descriptionnull
2019-08-08 12:57:32,403: INFO - =====
2019-08-08 12:57:32,410: DEBUG - Assign free vars
2019-08-08 12:57:32,415: INFO - > CALL SLOT NULLADAPTER.NULLSLOT
2019-08-08 12:57:32,420: INFO - < SLOT CALLED NULLADAPTER.NULLSLOT
2019-08-08 12:57:32,425: INFO - < Rivet finished sucessfully
2019-08-08 12:57:32,430: INFO - -----

2019-08-08 12:57:32,436: INFO - Test #29784 Finished

Test Report - AS4_CP_TA31

Overview

Test Group:	AS4 Common Profile Test Assertions
Test Assertion:	AS4_CP_TA31
Test Case:	AS4_CP_TA31_TC01
User:	ROOT
Date:	2019.08.08 12:57:33
System(s) Tested:	1- Phase4

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

Test Assertion Details

TAID:	AS4_CP_TA31
Target:	Message compression
Normative Source:	<p>[eDelivery-AS4] "In case an error occurs during decompression, the following error MUST be used: Code = EBMS:0303, Short Description = DecompressionFailure, Severity = Failure, Category = Communication." "For the error handling feature this profile specifies that errors MUST be reported and transmitted synchronously to the Sender and SHOULD be reported to the Consumer and the Producer. Note that the two error notification parameters do not affect interoperability between Sender and Receiver MSH. • The parameter PMode[].ErrorHandling.Report.AsResponse MUST be set to the value true. • The parameter PMode[].ErrorHandling.Report.ProcessErrorNotifyConsumer SHOULD be set to the value true. • The parameter PMode[].ErrorHandling.Report.ProcessErrorNotifyProducer SHOULD be set to the value true."</p>
Prescription Level:	Preferred
Prerequisite:	<ul style="list-style-type: none">• AS4_CP_TA30. • 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 RSMH sends an error notification to the consumer of the message.

Variables:

Tag: Payload Compression error

[illegible]

```
y1jMzCCASlWdQYJKoZlHvcNAQEBBQADggEPADCCAQoCggEBAJrgRWo9a7DiX0yH+0ACnX8hUbbtCHluiSdeucPI2fnfWh8XorPka5rSIRJb61bU6AC/pNFK3EdtlhPxfs5Ajb6c5U8okM
36R8JZdry5hfoDtGqRlnTBXNgaE2xqvdjrJhiZPHguNYe7sRgAyd2kFvWRuXAq8uAD23DBG9X1r8dDscSAPnrUx4LF8SiqqwrSbtK0OU1fykoADsoDZhrkVc3oDHEMMMM4kIOb9/GWmFcH
AzGSUjY15PG21jWCRDi4c3/AjOMIMWZeWDvUfXpv2doQ11Aua9L3bbIpy7DDvAbtvASwLk5qJqVX0u3Fxo5BkkeloF5TH4n0RmLKOAYcCAwEAAaMhMB8wHQYDVR0OBBYEFpZzbvaU9
/2QALJgMqCkTsgdSxG/MA0GCSqSsSb3DQEBCwUAA4IBAQBHGWsgC7vPMYr8b4CgV3E3YeXIUPDYn3JOBdZJevBhSIFFPjdZ7IbP1EGcB8yIXD0d6/atwTbiX2+P+od3q+4/ZuB2ktGJSdr
51lQrM/DhaJo/3GL7GcmSASWVG3YjffX1/Yu6Voga/sZYmflVrnatHuD1Yg4c6Zbf5P3vwoXVHNT1TIDB8Zp9mKPKPj3m2sOfiI2JODzAgoTt/GeZaHPVU58bQ+KiZ8EvZvPoPiXty4aUlx4d
ILSEGHdQpfO6vVLBYM43DUwFob4i9Iiybn6iZKdAc3GSZIDkZsvTmbUe2QNs+Mqp3VrPl3fMU9ig182uQIDHCmgx1/7/haJji+</wsse:BinarySecurityToken>
<xenc:EncryptedKey xmlns:xenc="http://www.w3.org/2001/04/xmenc#"
Id="EK-8780dc88-d8a6-4e8a-8ef8-89ef452acc13">
<xenc:EncryptionMethod Algorithm="http://www.w3.org/2009/xmenc11#rsa-oaep">
<ds:DigestMethod xmlns:ds="http://www.w3.org/2000/09/xmldsig#"
Algorithm="http://www.w3.org/2001/04/xmenc#sha256"/>
<xenc11:MGF xmlns:xenc11="http://www.w3.org/2009/xmenc11#"
Algorithm="http://www.w3.org/2009/xmenc11#mgf1sha256"/>
</xenc:EncryptionMethod>
<ds:KeyInfo xmlns:ds="http://www.w3.org/2000/09/xmldsig#">
<wsse:SecurityTokenReference>
<wsse:Reference URI="#G4e44affd-afc9-470e-b287-b30973f91942"
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=fbyWxnKIFu3+vDLfswZU2I9ykPmUwR174qX/A0FxoID85LR0Vstqe027uzJokbj3R6jCt+vYQ2qhRg+zi7QDRsQeyBa/9On37CWn7PDkbcujk08hUTZ1kXVbEk741ygeu
y6Rb/APhQD92hk5R1p60JbWUCR5lJTr9Ap5bqdh7B1kzRcbrfbdMAOk0hEcGUHrFDDZk2q1ELCSJas/GBZSGZowXmRYNmatYj7oKYychHvDJ0yqdlKNX76SClWdIOvJ6p8caxT2iuLPBR
3e8/8dMMb4aCSdJONJXdeWVEiePoD9RwsUg2AwHITEzdtSdZrSdQyB8Y9Zy/b04C8hmQpA==</xenc:CipherValue>
</xenc:CipherData>
<xenc:ReferenceList>
<xenc:DataReference URI="#ED-31a268cf-da9f-42cc-9e7e-2f069cdd8f7d"/>
</xenc:ReferenceList>
</xenc:EncryptedKey>
<xenc:EncryptedData xmlns:xenc="http://www.w3.org/2001/04/xmenc#"
Id="ED-31a268cf-da9f-42cc-9e7e-2f069cdd8f7d"
MimeType="application/gzip"
Type="http://docs.oasis-open.org/wss/oasis-wss-SwAProfile-1.1#Attachment-Content-Only">
<xenc:EncryptionMethod Algorithm="http://www.w3.org/2009/xmenc11#aes128-gcm"/>
<ds:KeyInfo xmlns:ds="http://www.w3.org/2000/09/xmldsig#">
<wsse:SecurityTokenReference xmlns:wsse11="http://docs.oasis-open.org/wss/oasis-wss-wssecurity-secext-1.1.xsd"
wsse11:TokenType="http://docs.oasis-open.org/wss/oasis-wss-soap-message-security-1.1#EncryptedKey">
<wsse:Reference URI="#EK-8780dc88-d8a6-4e8a-8ef8-89ef452acc13"/>
</wsse:SecurityTokenReference>
</ds:KeyInfo>
<xenc:CipherData>
<xenc:CipherReference URI="cid:xmldata@minder">
<ds:Transforms>
<ds:Transform xmlns:ds="http://www.w3.org/2000/09/xmldsig#"
Algorithm="http://docs.oasis-open.org/wss/oasis-wss-SwAProfile-1.1#Attachment-Ciphertext-Transform"/>
</ds:Transforms>
</xenc:CipherReference>
</xenc:CipherData>
</xenc:EncryptedData>
<wsse:BinarySecurityToken EncodingType="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-soap-message-security-1.0#Base64Binary"
ValueType="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-x509-token-profile-1.0#X509v3"
wsu:Id="X509-0245673e-42db-4b90-93a5-
c02a5bda4e56">MIIDdzCCA1+gAwIBAgIEWYEPjANBgkqhkiG9w0BAQsFADBBAQswCQYDVQQGEwJFVTERMA8GA1UECBMlcGhvc3MtYzlxETAPBgNVBACtCHBob3NzLWMyMREw
DwYDVQQKEWhwaG9zcyc1jMjERMA8GA1UECXMlcGhvc3MtYzlxETAPBgNVBAMTCHBob3NzLWMyMREwDwYDVQQHEWhwaG9zcyc1jMjERMA8GA1UECmhcGhvc3MtYzlxETAPBgNVBAsTCHBob3NzLWMyMREwDwYDVQQDEWhwaG9zcyc1jM
jCAslWdQYJKoZlHvcNAQEBBQADggEPADCCAQoCggEBAII2bXkvxzZUZyRaMsdJqDqWDqRSCA0fRv7z6eQNJpL6PH7OuoJaErfl/sDz5oHMTT/YbAqk9ZpqiFkb05ZrnNBkaONLC/TMX
q8pcZP2lKyO6p05Y27ZKlpwVVo8+xttYTk+QGW0AZkEOU3Zw7e7UnLOspuMzA4pLuSf540ljGzoUBWYR6JPUUalWbCK7+irDN95F4soCYAgqP3jlwalWiJmJHZC4dqNk2S3ev3D5/chxm
EApXBBFFQoXoNko047XqGL5U2gqNKwUOeCvLw+1CJKAAGCJzwfE/IM1i+FsPQ0PbvZ2xJgXJleoZY57IplV1Cv8736Q++cekCtDaq93cCAwEAAaMhMB8wHQYDVR0OBBYEFdVwAD1
9aj0iOrgyeV5lrkkQqyOYMA0GCSqSsSb3DQEBCwUAA4IBAQB+9+ci0fGG3un06F18KdsAcnxa8Ra0SUQpmYuXbFgwxjUn/7IUANARxoo1KUa1dLYRt9GMjJeIPY/hZmtaSptychSuB1I9rN
aU1IN8rVwK3mEarwFyBoENPhvSUBnTJaTdwYUvQeLDXiKEhcvVhBuICaRswPGOPUUF7/1L7JBTHSTB3RPCi8kDi2kCQzBWVMSb83aUrq/+fj84jC1xsQMWFIIQXa0mqmRtNTQ5g
HCkjtTOPkPx88YKWLh+Vx5yV7nGiIF+gz7OpeFRkq1ocU3BZLGyti8GT29j0z9i966ZC5pRknIvW7amHIZiUGfPoiWJm3zHu8J9P6m7d4/</wsse:BinarySecurityToken>
<ds:Signature xmlns:ds="http://www.w3.org/2000/09/xmldsig#"
Id="SIG-b4c76550-e761-480a-a689-6ee210b1e11e">
<ds:SignedInfo>
<ds:CanonicalizationMethod Algorithm="http://www.w3.org/2001/10/xml-exc-c14n#">
<ec:InclusiveNamespaces xmlns:ec="http://www.w3.org/2001/10/xml-exc-c14n#" PrefixList="S12"/>
</ds:CanonicalizationMethod>
<ds:SignatureMethod Algorithm="http://www.w3.org/2001/04/xmldsig-more#rsa-sha256"/>
<ds:Reference URI="#phase4-msg-f385c9f6-6cba-4daf-9d8b-50ab09fc3392">
<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>UH+hWh5EOk2dyiVC6JhgmhBx1ex8k+mJX6fM6TLgElo=</ds:DigestValue>
</ds:Reference>
<ds:Reference URI="#id-d935dc63-27fb-4f41-9b12-f5acd8ccdf13">
<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>XHPTJ1nmon5ql5pxYX1bFMDIIOXtSKJgq44UkAmJM=</ds:DigestValue>
</ds:Reference>
<ds:Reference URI="cid:xmldata@minder">
<ds:Transforms>
<ds:Transform Algorithm="http://docs.oasis-open.org/wss/oasis-wss-SwAProfile-1.1#Attachment-Content-Signature-Transform"/>
</ds:Transforms>
<ds:DigestMethod Algorithm="http://www.w3.org/2001/04/xmenc#sha256"/>
<ds:DigestValue>yqDt8JU9CgV+e+tbfUO3wVjI811CUMDveI8LpSJ14o=</ds:DigestValue>
</ds:Reference>
</ds:SignedInfo>
<ds:SignatureValue>Og7GLWtM06W+G6d+WrWrvrxuFeezCJOB4sXfqKau/DAA8/k0PpyMVTrdEFXucgwDHzn1PitBYRbQQIsbpQbJFbye8bwvv6BktfqsXLIhQc2O64TgbsBmgY0dLTv
AxutlZJst162iuiYbY7W2P06B+7MyJHEVEF5xn5oV+Gm/L5kAhCNX7BYcpnp1XrHMUSutmlCRuDz0HeOJHns8C4mrcn0JVMwN9wPYbhyTgkbKHILAIgnrJ9APGGpuqsMYIyc0/PEjud
xT+VYfhpXOmm6CkCQ9K5v5+mMULIjYdY6xYDBUVPEzLRgqO5TWp1fWWw+PLHWP3QDm3h8auw==</ds:SignatureValue>
<ds:KeyInfo Id="KI-1de06eb5-4be5-4646-9a43-b2fc83fb193e">
<wsse:SecurityTokenReference wsu:Id="STR-476cb1ac-2e2f-4d9e-b14a-cdc0e3222bd5">
<wsse:Reference URI="#X509-0245673e-42db-4b90-93a5-c02a5bda4e56"
ValueType="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-x509-token-profile-1.0#X509v3"/>
</wsse:SecurityTokenReference>
</ds:KeyInfo>
</ds:Signature>
</wsse:Security>
2019-08-08 12:57:36,158: INFO - =====
2019-08-08 12:57:36,164: INFO - AS4 message id: a72f35c8-e209-44bb-bece-1e41079e7a93@mindentestbed.org
2019-08-08 12:57:36,169: INFO - =====
2019-08-08 12:57:36,188: INFO - Attachments:
```

```
2019-08-08 12:57:36,193: INFO - =====
2019-08-08 12:57:36,201: INFO - Attachment ID: <xmlpayload@minder>, MimeType: application/gzip
2019-08-08 12:57:36,206: INFO - Compressed HEX payload: 1F8B080000000000B3C9CDBC3B349492DB22B4ECC2DC849B5D107B16DF441C2007E6CD3781C000000
2019-08-08 12:57:36,212: INFO - Decompressed Payload: <min><der>sample</der></min>
2019-08-08 12:57:36,220: INFO - DAMAGED data (HEX):1F8B081300B800008000B3C92BF4A5B3494988B22B4ECC2DC849B5D107B16DF441C200166CD3BEA6000000
2019-08-08 12:57:36,225: INFO -
2019-08-08 12:57:36,230: INFO - =====
2019-08-08 12:57:36,236: INFO - =====
2019-08-08 12:57:36,253: DEBUG - Assign free vars
2019-08-08 12:57:36,259: INFO - > CALL SLOT as4-adapter|8.sendMessage(byte[])
2019-08-08 12:57:36,369: INFO - < SLOT CALLED as4-adapter|8.sendMessage(byte[])
2019-08-08 12:57:36,375: INFO - < Rivet finished sucessfully
2019-08-08 12:57:36,380: INFO - -----

2019-08-08 12:57:36,385: INFO - > RUN RIVET 3
2019-08-08 12:57:36,390: DEBUG - > Wait For Signal:as4-adapter|8.replyReceived(byte[])
2019-08-08 12:57:36,395: DEBUG - < Signal Arrived: as4-adapter|8.replyReceived(byte[])
2019-08-08 12:57:36,401: INFO - =====
2019-08-08 12:57:36,408: INFO - Received Receipt: 1565269056407
2019-08-08 12:57:36,413: INFO - =====
2019-08-08 12:57:36,418: INFO - RECEIPT:
2019-08-08 12:57:36,425: INFO - <?xml version="1.0" encoding="UTF-8"?>
<eb:Messaging xmlns:eb="http://docs.oasis-open.org/ebxml-msg/ebms/v3.0/ns/core/200704/"
xmlns:S11="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:ebbp="http://docs.oasis-open.org/ebxml-bp/ebbp-signals-2.0"
xmlns:S12="http://www.w3.org/2003/05/soap-envelope"
xmlns:wsu="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-wssecurity-utility-1.0.xsd"
xmlns:ds="http://www.w3.org/2000/09/xmldsig#"
xmlns:xlink="http://www.w3.org/1999/xlink"
wsu:id="phase4-msg-df9f8268-6050-4d4b-b43c-5f4885152cb7">
<eb:SignalMessage>
<eb:MessageInfo>
<eb:Timestamp>2019-08-08T12:57:41.418</eb:Timestamp>
<eb:MessageId>0cb302a9-b04e-461e-823e-0fe0262e255b@phase4</eb:MessageId>
<eb:RefToMessageId>a72f35c8-e209-44bb-bece-1e41079e7a93@mindertestbed.org</eb:RefToMessageId>
</eb:MessageInfo>
<eb:Error category="Communication"
errorCode="EBMS:0303"
refToMessageId="a72f35c8-e209-44bb-bece-1e41079e7a93@mindertestbed.org"
severity="failure"
shortDescription="DecompressionFailure">
<eb:Description xml:lang="en">DecompressionFailure</eb:Description>
<eb:ErrorDetail>An error occurred during the decompression.</eb:ErrorDetail>
</eb:Error>
</eb:SignalMessage>
</eb:Messaging>
2019-08-08 12:57:36,430: INFO - =====
2019-08-08 12:57:36,436: INFO - Found Error Element. Now check the fields ...
2019-08-08 12:57:36,441: INFO - =====
2019-08-08 12:57:36,448: INFO - Fields are OK.
2019-08-08 12:57:36,453: INFO - =====
2019-08-08 12:57:36,458: DEBUG - Assign free vars
2019-08-08 12:57:36,463: INFO - > CALL SLOT as4-adapter|8.sendResponse(byte[])
2019-08-08 12:57:36,469: INFO - < SLOT CALLED as4-adapter|8.sendResponse(byte[])
2019-08-08 12:57:36,474: INFO - < Rivet finished sucessfully
2019-08-08 12:57:36,479: INFO - -----

2019-08-08 12:57:36,484: INFO - > RUN RIVET 4
2019-08-08 12:57:36,490: DEBUG - > Wait For Signal:genericAS4Corner1|8.processNotification(esens.wp6.esens.MshBackend.MessageNotification)
2019-08-08 12:57:37,759: DEBUG - < Signal Arrived: genericAS4Corner1|8.processNotification(esens.wp6.esens.MshBackend.MessageNotification)
2019-08-08 12:57:37,769: INFO - =====
2019-08-08 12:57:37,774: INFO - Corner1/4 backend NOTIFICATION
2019-08-08 12:57:37,779: INFO - status :Error
2019-08-08 12:57:37,784: INFO - messageId: a72f35c8-e209-44bb-bece-1e41079e7a93@mindertestbed.org
2019-08-08 12:57:37,789: INFO - shortDescription: DecompressionFailure
2019-08-08 12:57:37,796: INFO - descriptionnull
2019-08-08 12:57:37,801: INFO - =====
2019-08-08 12:57:37,808: DEBUG - Assign free vars
2019-08-08 12:57:37,813: INFO - > CALL SLOT NULLADAPTER.NULLSLOT
2019-08-08 12:57:37,818: INFO - < SLOT CALLED NULLADAPTER.NULLSLOT
2019-08-08 12:57:37,823: INFO - < Rivet finished sucessfully
2019-08-08 12:57:37,828: INFO - -----

2019-08-08 12:57:37,834: INFO - > RUN RIVET 5
2019-08-08 12:57:37,839: DEBUG - > Wait For Signal:genericAS4Corner4|8.processNotification(esens.wp6.esens.MshBackend.MessageNotification)
2019-08-08 12:57:37,844: DEBUG - < Signal Arrived: genericAS4Corner4|8.processNotification(esens.wp6.esens.MshBackend.MessageNotification)
2019-08-08 12:57:37,852: INFO - =====
2019-08-08 12:57:37,857: INFO - Corner1/4 backend NOTIFICATION
2019-08-08 12:57:37,862: INFO - status :Error
2019-08-08 12:57:37,867: INFO - messageId: a72f35c8-e209-44bb-bece-1e41079e7a93@mindertestbed.org
2019-08-08 12:57:37,873: INFO - shortDescription: DecompressionFailure
2019-08-08 12:57:37,878: INFO - descriptionnull
2019-08-08 12:57:37,883: INFO - =====
2019-08-08 12:57:37,888: DEBUG - Assign free vars
2019-08-08 12:57:37,893: INFO - > CALL SLOT NULLADAPTER.NULLSLOT
2019-08-08 12:57:37,898: INFO - < SLOT CALLED NULLADAPTER.NULLSLOT
2019-08-08 12:57:37,904: INFO - < Rivet finished sucessfully
2019-08-08 12:57:37,909: INFO - -----

2019-08-08 12:57:37,914: INFO - Test #29785 Finished
```

Test Report - AS4_CP_TA32

Overview

Test Group:	AS4 Common Profile Test Assertions
Test Assertion:	AS4_CP_TA32
Test Case:	AS4_CP_TA32_TC01
User:	ROOT
Date:	2019.08.08 12:57:39
System(s) Tested:	1- Phase4

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

Test Assertion Details

TAID:	AS4_CP_TA32
Target:	Payload reception
Normative Source:	[eDelivery-AS4] "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 eDelivery AS4 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

```
2019-08-08 12:57:40,214: INFO - Minder version v2.3.0
2019-08-08 12:57:40,219: INFO - Start Test
2019-08-08 12:57:40,224: INFO - Initialize test case
2019-08-08 12:57:40,233: DEBUG - Parameters
2019-08-08 12:57:40,238: DEBUG - Corner2:phoss-c2
Corner3:phoss-c3
2019-08-08 12:57:40,243: INFO - > Initialize the Adapters
2019-08-08 12:57:40,248: INFO - Call start test on NULLADAPTER
2019-08-08 12:57:40,254: INFO - Obtain SUT Identifiers from NULLADAPTER
2019-08-08 12:57:40,259: INFO - Call start test on as4-adapter
2019-08-08 12:57:40,265: INFO - Obtain SUT Identifiers from as4-adapter
2019-08-08 12:57:40,271: INFO - System Under Test: Phase4
2019-08-08 12:57:40,276: INFO - System Under Test: Phase4
2019-08-08 12:57:40,282: INFO - Call start test on genericAS4Corner4
2019-08-08 12:57:40,287: INFO - Obtain SUT Identifiers from genericAS4Corner4
2019-08-08 12:57:40,293: INFO - Call start test on genericAS4Corner1
2019-08-08 12:57:40,299: INFO - Obtain SUT Identifiers from genericAS4Corner1
2019-08-08 12:57:40,304: INFO - > RUN RIVET 0
2019-08-08 12:57:40,310: DEBUG - Assign free vars
2019-08-08 12:57:40,315: INFO - =====
2019-08-08 12:57:40,321: INFO - Corner 2 phoss-c2
2019-08-08 12:57:40,326: INFO - Corner 3 phoss-c3
2019-08-08 12:57:40,331: INFO - =====
2019-08-08 12:57:40,357: INFO - > CALL SLOT NULLADAPTER.NULLSLOT
2019-08-08 12:57:40,362: INFO - < SLOT CALLED NULLADAPTER.NULLSLOT
2019-08-08 12:57:40,367: INFO - < Rivet finished sucessfully
2019-08-08 12:57:40,372: INFO - -----

2019-08-08 12:57:40,377: INFO - > RUN RIVET 1
2019-08-08 12:57:40,383: DEBUG - Assign free vars
2019-08-08 12:57:40,388: INFO - > CALL SLOT genericAS4Corner1|8.submitMessage(esens.wp6.esensMshBackend.SubmissionData)
2019-08-08 12:57:40,607: INFO - < SLOT CALLED genericAS4Corner1|8.submitMessage(esens.wp6.esensMshBackend.SubmissionData)
2019-08-08 12:57:40,612: INFO - < Rivet finished sucessfully
2019-08-08 12:57:40,617: INFO - -----

2019-08-08 12:57:40,622: INFO - > RUN RIVET 2
2019-08-08 12:57:40,628: DEBUG - > Wait For Signal:as4-adapter|8.messageReceived(byte[])
2019-08-08 12:57:41,717: DEBUG - < Signal Arrived: as4-adapter|8.messageReceived(byte[])
2019-08-08 12:57:41,723: INFO - =====
2019-08-08 12:57:41,728: INFO - C2 AS4 Message:
2019-08-08 12:57:41,735: INFO - <?xml version="1.0" encoding="UTF-8"?>
<eb:Messaging xmlns:eb="http://docs.oasis-open.org/ebxml-msg/ebms/v3.0/ns/core/200704/"
xmlns:S11="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:ebbp="http://docs.oasis-open.org/ebxml-bp/ebbp-signals-2.0"
xmlns:S12="http://www.w3.org/2003/05/soap-envelope"
xmlns:wsu="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-wssecurity-utility-1.0.xsd"
xmlns:ds="http://www.w3.org/2000/09/xmldsig#"
xmlns:xlink="http://www.w3.org/1999/xlink"
S12:mustUnderstand="true"
wsu:Id="phase4-msg-2735bc33-f637-47c2-84f4-25ff8ae2354f">
<eb:UserMessage>
<eb:MessageInfo>
<eb:Timestamp>2019-08-08T12:57:46.568</eb:Timestamp>
<eb:MessageId>0b064611-0c0e-437b-9dcf-e905321f98c4@mindentestbed.org</eb:MessageId>
</eb:MessageInfo>
<eb:PartyInfo>
<eb:From>
<eb:PartyId>phoss-c2</eb:PartyId>
<eb:Role>http://www.esens.eu/as4/conformancetest/sut</eb:Role>
</eb:From>
<eb:To>
<eb:PartyId>phoss-c3</eb:PartyId>
<eb:Role>http://docs.oasis-open.org/ebxml-msg/ebms/v3.0/ns/core/200704/responder</eb:Role>
</eb:To>
</eb:PartyInfo>
<eb:CollaborationInfo>
<eb:AgreementRef pmode="phoss-c2-phoss-c3">urn:as4:agreement</eb:AgreementRef>
<eb:Service>SRV_SIMPLE_ONEWAY</eb:Service>
<eb:Action>ACT_SIMPLE_ONEWAY</eb:Action>
<eb:ConversationId>362543</eb:ConversationId>
</eb:CollaborationInfo>
<eb:MessageProperties>
<eb:Property name="originalSender">C1</eb:Property>
<eb:Property name="finalRecipient">C4</eb:Property>
</eb:MessageProperties>
<eb:PayloadInfo>
<eb:PartInfo href="cid:xmlpayload@minder">
<eb:PartProperties>
<eb:Property name="MimeType">application/xml</eb:Property>
<eb:Property name="CharacterSet">ISO-8859-1</eb:Property>
<eb:Property name="CompressionType">application/gzip</eb:Property>
</eb:PartProperties>
</eb:PartInfo>
<eb:PartInfo href="cid:custompayload@minder">
<eb:PartProperties>
<eb:Property name="MimeType">application/octet-stream</eb:Property>
<eb:Property name="CharacterSet">ISO-8859-1</eb:Property>
<eb:Property name="CompressionType">application/gzip</eb:Property>
</eb:PartProperties>
</eb:PartInfo>
</eb:PayloadInfo>
</eb:UserMessage>
</eb:Messaging>
2019-08-08 12:57:41,741: INFO - =====
2019-08-08 12:57:41,746: INFO - C2 AS4 Security Header:
2019-08-08 12:57:41,752: INFO - <?xml version="1.0" encoding="UTF-8"?>
<wss:Security xmlns:wss="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-wssecurity-secext-1.0.xsd"
xmlns:S12="http://www.w3.org/2003/05/soap-envelope"
xmlns:wsu="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-wssecurity-utility-1.0.xsd"
```

```
S12:mustUnderstand="true">
<wsse:BinarySecurityToken EncodingType="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-soap-message-security-1.0#Base64Binary"
ValueType="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-x509-token-profile-1.0#X509v3"
wsu:Id="Gcc078126-b1b0-4d94-9f5f-1a3c366245d0">MIIDdzCCA1+gAwIBAgIEa5bQAJANBgkqhkiG9w0BAQsFADBsMQswCQYDVQQGEwJFVTERMA8GA1UECBMlcGhvc3MtYzZMxETAPBgNVBACtCHBob3NzLWLMzMREwDwYDVQQKEWhwaG9zcy1jMzERMA8GA1UECzMtYzZMxETAPBgNVBAMTCHBob3NzLWLMzMREwDwYDVQQHEWhwaG9zcy1jMzERMA8GA1UEChMlcGhvc3MtYzZMxETAPBgNVBAsTCHBob3NzLWLMzMREwDwYDVQQDEWhwaG9zcy1jMzERMA8GA1UECzIhvcNAQEBBQADggEPADCCAQoCggEBAJrgRWo9a7DiX0yH+0ACnX8hUbbtCHLuiSdeucPI2fnfWh8XorPka5rSIRJb61bU6AC/pNFK3EdtlhPxFs5Ajb6c5U8okM36R8jZdry5hf0otGqRlnTBXNgaE2xqvdrjJhZPHGUyNe7sRgAydkFvWRuXAq8uAD23DBG9X1r8dDscSAPnrUx4LF8SlqqrwSbtK0OU1fykoADsoDZhxrKvc3oDHEMMMA4kiOb9/GWmFcHAzGSUjY15PG2lJjWCRDi4c3/Aj0MMWVzeVWdVufXpv2doQ11Aua9L3bb1py7DDvAbtvASwLk5QJqfVX0u3Fxo5BkkeloF5TH4n0RmLKOAYcCAwEAAMhMB8wHQYDVR0OBBYEFPPZzbvaU9/2QALJgMqCkTsgdSxG/MAOGCSqGSib3DQEBcWUAA4IBAQBHGwsgCG7vPMYru8b4Cgv3E3YEUPIUDYn3jOBDD6/awTbiX2+P+od3q+4/ZuB2ktGJSdr51lQrM/DhaJo/3GL7GcmSASWG3YjffX1/Yu6VogaSZYmflVrnatHuD1YG4c6ZbF5P3vw0xVHNTtTfDB8Zp9mKPKPJ3m2sOFii2JODzAgoTf/GeZaXHPVU58bQ+KiZ8EvZvPoPiXty4aUlxd4dILSEGHdqp06vVLBYM43DUwFob4i9l/ybn6iZKdAc3GSZIDkZsvTmbUe2QNs+Mqp3VrPL3fMU9ig182UqiDHCmGx1/7haJi+</wsse:BinarySecurityToken>
<xenc:EncryptedKey xmlns:xenc="http://www.w3.org/2001/04/xmlenc#"
Id="EK-81b2f98a-4e6a-4b7a-8989-5d3764e179ae">
<xenc:EncryptionMethod Algorithm="http://www.w3.org/2009/xmlenc11#rsa-oaep">
<ds:DigestMethod xmlns:ds="http://www.w3.org/2000/09/xmldsig#"
Algorithm="http://www.w3.org/2001/04/xmlenc#sha256"/>
<xenc11:MGF xmlns:xenc11="http://www.w3.org/2009/xmlenc11#"
Algorithm="http://www.w3.org/2009/xmlenc11#mgf1sha256"/>
</xenc:EncryptionMethod>
<ds:KeyInfo xmlns:ds="http://www.w3.org/2000/09/xmldsig#">
<wsse:SecurityTokenReference>
<wsse:Reference URI="Gcc078126-b1b0-4d94-9f5f-1a3c366245d0"
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>k+B8VfYZs96BlqUlnOQdkKS9BjyWpMROGu5acOoa6eq12mq7KjJk/N1ka7YRY/nvvpE+JEZrzLTRXt82c6qQofrwpNqKsHT6nY9xj3y+X6lF7eSY1WDOiBn07dNO7Wz/WK+cpvEagrJkEgJLwAXFH/Zw7fniUvPHLg04LiXssM7gOdSAk8CqP7/nxAL40D4swEwU0AlktwMb2MG0oySSCOhapP+draWvuDidKfZWwxJfQNWnr+2fe8FsmzcFRktapYtl6prLo1Eqv6c1WL2WAdJrUuoZArmVpfi19lTVIsKMP9VgrRtkC5CvVPWzfdeal51oo5Z2pNdlFm0a2kQz=</xenc:CipherValue>
</xenc:CipherData>
<xenc:ReferenceList>
<xenc:DataReference URI="#ED-7ba770a2-1808-4cd2-b0d6-b8416262091f"/>
<xenc:DataReference URI="#ED-6bb43869-0179-424f-aade-7487bf107fbf"/>
</xenc:ReferenceList>
<xenc:EncryptedKey>
<xenc:EncryptedData xmlns:xenc="http://www.w3.org/2001/04/xmlenc#"
Id="ED-6bb43869-0179-424f-aade-7487bf107fbf"
MimeType="application/gzip"
Type="http://docs.oasis-open.org/wss/oasis-wss-SwAProfile-1.1#Attachment-Content-Only">
<xenc:EncryptionMethod Algorithm="http://www.w3.org/2009/xmlenc11#aes128-gcm"/>
<ds:KeyInfo xmlns:ds="http://www.w3.org/2000/09/xmldsig#">
<wsse:SecurityTokenReference xmlns:wsse11="http://docs.oasis-open.org/wss/oasis-wss-wssecurity-secext-1.1.xsd"
wsse11:Token Type="http://docs.oasis-open.org/wss/oasis-wss-soap-message-security-1.1#EncryptedKey">
<wsse:Reference URI="#EK-81b2f98a-4e6a-4b7a-8989-5d3764e179ae"/>
</wsse:SecurityTokenReference>
</ds:KeyInfo>
<xenc:CipherData>
<xenc:CipherReference URI="cid:custompayload@minder">
<xenc:Transforms>
<ds:Transform xmlns:ds="http://www.w3.org/2000/09/xmldsig#"
Algorithm="http://docs.oasis-open.org/wss/oasis-wss-SwAProfile-1.1#Attachment-Ciphertext-Transform"/>
</ds:Transforms>
</xenc:CipherReference>
</xenc:CipherData>
<xenc:EncryptedData>
<xenc:EncryptedData xmlns:xenc="http://www.w3.org/2001/04/xmlenc#"
Id="ED-7ba770a2-1808-4cd2-b0d6-b8416262091f"
MimeType="application/gzip"
Type="http://docs.oasis-open.org/wss/oasis-wss-SwAProfile-1.1#Attachment-Content-Only">
<xenc:EncryptionMethod Algorithm="http://www.w3.org/2009/xmlenc11#aes128-gcm"/>
<ds:KeyInfo xmlns:ds="http://www.w3.org/2000/09/xmldsig#">
<wsse:SecurityTokenReference xmlns:wsse11="http://docs.oasis-open.org/wss/oasis-wss-wssecurity-secext-1.1.xsd"
wsse11:Token Type="http://docs.oasis-open.org/wss/oasis-wss-soap-message-security-1.1#EncryptedKey">
<wsse:Reference URI="#EK-81b2f98a-4e6a-4b7a-8989-5d3764e179ae"/>
</wsse:SecurityTokenReference>
</ds:KeyInfo>
<xenc:CipherData>
<xenc:CipherReference URI="cid:xmlpayload@minder">
<xenc:Transforms>
<ds:Transform xmlns:ds="http://www.w3.org/2000/09/xmldsig#"
Algorithm="http://docs.oasis-open.org/wss/oasis-wss-SwAProfile-1.1#Attachment-Ciphertext-Transform"/>
</ds:Transforms>
</xenc:CipherReference>
</xenc:CipherData>
<xenc:EncryptedData>
<wsse:BinarySecurityToken EncodingType="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-soap-message-security-1.0#Base64Binary"
ValueType="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-x509-token-profile-1.0#X509v3"
wsu:Id="X509-1677befd-b897-4568-8802-e2e0f9aba9f4">MIIDdzCCA1+gAwIBAgIEWYZEPJANBgkqhkiG9w0BAQsFADBsMQswCQYDVQQGEwJFVTERMA8GA1UECBMlcGhvc3MtYzZlxEtAPBgNVBACtCHBob3NzLWLMWMyMREwDwYDVQQKEWhwaG9zcy1jMjERMA8GA1UECzMtYzZlxEtAPBgNVBAMTCHBob3NzLWLMWMyMREwDwYDVQQHEWhwaG9zcy1jMjERMA8GA1UEChMlcGhvc3MtYzZlxEtAPBgNVBAsTCHBob3NzLWLMWMyMREwDwYDVQQDEWhwaG9zcy1jMjCCASlWdQYJKoZIhvcNAQEBBQADggEPADCCAQoCggEBAII2bXkvxxZUZYaMsdlJqDqWDqRSCA0fRV7z6eQNJpL6PH7OUOjaErfl/sDz5oHMTT/YbAqk9ZpqiFkb05ZrnNBkaONLC/TMXg8pcZP2iKyO6p05Y27ZKlpuVWo8+xttYTk+QGWoAZKEOU3Zw7e7UnL0SpuMzaA4pLUsf54oljGzoUBWYR6JPuUalWbCK7+irDn95F4soCYAggP3jIwaiWJmJHZC4dqNk2S3ev3D5/chxmEApXBFffQoXoNko047XqGL5U2gqNKwUIOeCvLw+1CJKAAGCJzwfE/IM1i+FsPQ0PbvZ2xJgXJleoZY57lPlV1Cv8736Q++cekCtDaq93cCAwEAAMhMB8wHQYDVR0OBBYEFDWwAD19aj0lOrygeV5lrrk0qyOYMAOGCSqGSib3DQEBcWUAA4IBAQBk+9+ci0fGG3un06F18KdsAcnx+a8Ra0SUQpmYuxBfGwxJUn7IUANARxoo1KUa1dLYRt9GMjJelPY/hZmtaSpptychSuB1i9rNaU1lN8rVWkK3mEarwFyBOeNPhvSUBnTJaTdwyUvYqLeLDXIKJEhcVvHbUICaRswPGOPUUF7/1L7JBTHStB3RPCi8kDi2kCQzBwVMsb83aURqg/+fj84jC1xsQMWF1QqXa0mqRmTntQ5gHCkTjT0pKpx88YKWLh+/Xv5V7nGiif+gz7OpeFRkq1ocU3BZLYgti8GT29j0z9i966ZC5PkrnlvW7amHIZIUGfPoiWJm3zHu8J9P6m7d/4</wsse:BinarySecurityToken>
<ds:Signature xmlns:ds="http://www.w3.org/2000/09/xmldsig#"
Id="SIG-8027496f-f521-429c-af15-12ce8bb32699">
<ds:SignedInfo>
<ds:CanonicalizationMethod Algorithm="http://www.w3.org/2001/10/xml-exc-c14n#">
<ec:InclusiveNamespaces xmlns:ec="http://www.w3.org/2001/10/xml-exc-c14n#" PrefixList="S12"/>
</ds:CanonicalizationMethod>
<ds:SignatureMethod Algorithm="http://www.w3.org/2001/04/xmldsig-more#rsa-sha256"/>
<ds:Reference URI="#phase4-msg-2735c33-f637-47c2-84f4-25ff8ae2354f">
<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>PgYT6PeeOhfNa3olKEk2h4vgO2+Suwue7qx6B9grds=</ds:DigestValue>
</ds:Reference>
<ds:Reference URI="#id-496f1504-4f4f-4379-b4e1-01cea802b072">
</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>WB/HbNjcZF9GC9TDt+OZWlvmPx/o5DdiX+eMULdljR8=</ds:DigestValue>
</ds:Reference>
<ds:Reference URI="cid:xmldata@minder">
</ds:Transforms>
<ds:Transform Algorithm="http://docs.oasis-open.org/wss/oasis-wss-SwAProfile-1.1#Attachment-Content-Signature-Transform"/>
</ds:Transforms>
<ds:DigestMethod Algorithm="http://www.w3.org/2001/04/xmlenc#sha256"/>
<ds:DigestValue>yqDt8JU9CgV+e+tbUO3wVj/811CUMDveI8LpSJ14o=</ds:DigestValue>
</ds:Reference>
<ds:Reference URI="cid:custompayload@minder">
</ds:Transforms>
<ds:Transform Algorithm="http://docs.oasis-open.org/wss/oasis-wss-SwAProfile-1.1#Attachment-Content-Signature-Transform"/>
</ds:Transforms>
<ds:DigestMethod Algorithm="http://www.w3.org/2001/04/xmlenc#sha256"/>
<ds:DigestValue>r7CBJboV5qfQij53dkc1t13rbaTa3dKkqkCR5ankrf0=</ds:DigestValue>
</ds:Reference>
</ds:SignedInfo>
<ds:SignatureValue>D5JsW7JgFI0Qkewvzw3VhnypsnMnltNWBcOIsUuWXTJDQ43v/jyfs6OYprWCwqTb6DpfqK6n+KKei9erY2tQKCiTEt0Vc468miz9a2c4HpFF1TQu67SrJC6oU8rSgc6
YbSdCK25v62L/eA+34ZaanAVTUocGWYEn3JYhmRACGFJCBufNJOkl1I5Ka0vBNppMdYrh3NAvLFPinm/lq33495iq4UjkopjvcqHBZJBKisq0k96X9gX/oYiMdGRDKBoHqXJsPxKSHQtc
SqMiJ8J6JbDYBAXGrEtqcM/Q03JYFsgEeKO59YemvQJ5LV8ouR3FuDiErNRVJF86Miqgg==</ds:SignatureValue>
<ds:KeyInfo Id="KI-a7b2f035-5d84-41ae-8c80-e9a96576b871">
<wsse:SecurityTokenReference wsu:Id="STR-693fc5ac-7e59-4672-8ccc-49686a2a34b7">
<wsse:Reference URI="#X509-1677befd-b897-4568-8802-e2e0f9aba9f4"
ValueTypes="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-x509-token-profile-1.0#X509v3"/>
</wsse:SecurityTokenReference>
</ds:KeyInfo>
</ds:Signature>
</wsse:Security>
2019-08-08 12:57:41,757: INFO - =====
2019-08-08 12:57:41,763: INFO - AS4 message id: 0b064611-0c0e-437b-9dcf-e905321f98c4@mindertestbed.org
2019-08-08 12:57:41,768: INFO - =====
2019-08-08 12:57:41,786: INFO - Attachments:
2019-08-08 12:57:41,792: INFO - =====
2019-08-08 12:57:41,799: INFO - Attachment ID: <xmldata@minder>, MimeType: application/gzip
2019-08-08 12:57:41,805: INFO - Compressed HEX payload: 1F8B0800000000000000B3C9CDCCB3B349492DB22B4ECC2DC849B5D107B16DF441C2007E6CD3781C000000
2019-08-08 12:57:41,810: INFO - Decompressed Payload: <min><der>sample</der></min>
2019-08-08 12:57:41,815: INFO -
2019-08-08 12:57:41,820: INFO - =====
2019-08-08 12:57:41,826: INFO - Attachment ID: <custompayload@minder>, MimeType: application/gzip
2019-08-08 12:57:41,831: INFO - Compressed HEX payload:
1F8B080000000000000000535454F0CD4FC94CAB54C84D55484C2B492D52282E4DCACD2C2ECECCCFD351C84C53A8CC2F5548492C4A555404006FDED25E2C000000
2019-08-08 12:57:41,837: INFO - Decompressed Payload: !! Modify me after submission, if you dare!!
2019-08-08 12:57:41,842: INFO -
2019-08-08 12:57:41,847: INFO - =====
2019-08-08 12:57:41,852: INFO - =====
2019-08-08 12:57:41,859: INFO - Forward message to the other side: 1565269061858
2019-08-08 12:57:41,864: INFO - =====
2019-08-08 12:57:41,869: DEBUG - Assign free vars
2019-08-08 12:57:41,874: INFO - > CALL SLOT as4-adapter|8.sendMessage(byte[])
2019-08-08 12:57:41,999: INFO - < SLOT CALLED as4-adapter|8.sendMessage(byte[])
2019-08-08 12:57:42,004: INFO - < Rivet finished successfully
2019-08-08 12:57:42,009: INFO - -----

2019-08-08 12:57:42,014: INFO - > RUN RIVET 3
2019-08-08 12:57:42,020: DEBUG - > Wait For Signal:as4-adapter|8.replyReceived(byte[])
2019-08-08 12:57:42,025: DEBUG - < Signal Arrived: as4-adapter|8.replyReceived(byte[])
2019-08-08 12:57:42,031: INFO - =====
2019-08-08 12:57:42,036: INFO - Received the Receipt: 1565269062036
2019-08-08 12:57:42,041: INFO - =====
2019-08-08 12:57:42,046: INFO - RECEIPT:
2019-08-08 12:57:42,053: INFO - <?xml version="1.0" encoding="UTF-8"?>
<eb:Messaging xmlns:eb="http://docs.oasis-open.org/ebxml-msg/ebms/v3.0/ns/core/200704/"
xmlns:S11="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:ebbp="http://docs.oasis-open.org/ebxml-bp/ebbp-signals-2.0"
xmlns:S12="http://www.w3.org/2003/05/soap-envelope"
xmlns:wsu="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-wssecurity-utility-1.0.xsd"
xmlns:ds="http://www.w3.org/2000/09/xmldsig#"
xmlns:xlink="http://www.w3.org/1999/xlink"
S12:mustUnderstand="true"
wsu:Id="phase4-msg-7b43e910-74a4-4e89-ade1-5895d0211410">
<eb:SignalMessage>
<eb:MessageInfo>
<eb:Timestamp>2019-08-08T12:57:47.032</eb:Timestamp>
<eb:MessageId>6876fa83-3234-4110-90c3-41775c423cbc@phase4</eb:MessageId>
<eb:RefToMessageId>0b064611-0c0e-437b-9dcf-e905321f98c4@mindertestbed.org</eb:RefToMessageId>
</eb:MessageInfo>
<eb:Receipt>
<ebbp:NonRepudiationInformation>
<ebbp:MessagePartNRInformation>
<ds:Reference URI="#phase4-msg-2735bc33-f637-47c2-84f4-25ff8ae2354f">
</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>PgYT6PeeOhfNa3oIkEk2h4vgO2+Suwue7qx6B9grds=</ds:DigestValue>
</ds:Reference>
</ebbp:MessagePartNRInformation>
<ebbp:MessagePartNRInformation>
<ds:Reference URI="#id-496f1504-4f4f-4379-b4e1-01cea802b072">
</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>WB/HbNjcZF9GC9TDt+OZWlvmPx/o5DdiX+eMULdljR8=</ds:DigestValue>
</ds:Reference>
</ebbp:MessagePartNRInformation>
<ebbp:MessagePartNRInformation>
<ds:Reference URI="cid:xmldata@minder">
</ds:Transforms>
<ds:Transform Algorithm="http://docs.oasis-open.org/wss/oasis-wss-SwAProfile-1.1#Attachment-Content-Signature-Transform"/>
</ds:Transforms>
<ds:DigestMethod Algorithm="http://www.w3.org/2001/04/xmlenc#sha256"/>
```



```
<ds:DigestValue>yqDt8JU9CgV+e+tbUO3wVj/I811CUMDveI8LpSJ14o=</ds:DigestValue>
</ds:Reference>
</ebbp:MessagePartNRInformation>
<ebbp:MessagePartNRInformation>
<ds:Reference URI="cid:custompayload@minder">
<ds:Transforms>
<ds:Transform Algorithm="http://docs.oasis-open.org/wss/oasis-wss-SwAProfile-1.1#Attachment-Content-Signature-Transform"/>
</ds:Transforms>
<ds:DigestMethod Algorithm="http://www.w3.org/2001/04/xmlenc#sha256"/>
<ds:DigestValue>r7CBJboV5qfQij53dkc1t13rbaTa3dKkqkCR5ankrf0=</ds:DigestValue>
</ds:Reference>
</ebbp:MessagePartNRInformation>
</ebbp:NonRepudiationInformation>
</eb:Receipt>
</eb:SignalMessage>
</eb:Messaging>
2019-08-08 12:57:42,058: INFO - =====
2019-08-08 12:57:42,064: DEBUG - Assign free vars
2019-08-08 12:57:42,069: INFO - > CALL SLOT as4-adapter|8.sendResponse(byte[])
2019-08-08 12:57:42,075: INFO - < SLOT CALLED as4-adapter|8.sendResponse(byte[])
2019-08-08 12:57:42,080: INFO - < Rivet finished sucessfully
2019-08-08 12:57:42,085: INFO - -----

2019-08-08 12:57:42,090: INFO - > RUN RIVET 4
2019-08-08 12:57:42,095: DEBUG - > Wait For Signal:genericAS4Corner4|8.receiveMessage(esens.wp6.esensMshBackend.SubmissionData)
2019-08-08 12:57:43,140: DEBUG - < Signal Arrived: genericAS4Corner4|8.receiveMessage(esens.wp6.esensMshBackend.SubmissionData)
2019-08-08 12:57:43,150: INFO - =====
2019-08-08 12:57:43,155: INFO - Corner4 Received Payloads:
2019-08-08 12:57:43,160: INFO - Data
2019-08-08 12:57:43,165: INFO - originalSender: C1
2019-08-08 12:57:43,170: INFO - finalRecipient: C4
2019-08-08 12:57:43,176: INFO - refToMessageId: null
2019-08-08 12:57:43,181: INFO - conversationId: 362543
2019-08-08 12:57:43,186: INFO - messageId: 0b064611-0c0e-437b-9dcf-e905321f98c4@mindertestbed.org
2019-08-08 12:57:43,191: INFO - to: Minder
2019-08-08 12:57:43,196: INFO - from: null
2019-08-08 12:57:43,202: INFO - pModelId: null
2019-08-08 12:57:43,207: INFO - =====
2019-08-08 12:57:43,213: INFO - payloadId: xmlpayload@minder == type: application/xml.
2019-08-08 12:57:43,219: INFO - <min><der>sample</der></min>
2019-08-08 12:57:43,224: INFO - <min><der>sample</der></min>
2019-08-08 12:57:43,229: INFO - =====
2019-08-08 12:57:43,235: INFO - payloadId: custompayload@minder == type: application/octet-stream.
2019-08-08 12:57:43,240: INFO - !! Modify me after submission, if you dare!!
2019-08-08 12:57:43,245: INFO - !! Modify me after submission, if you dare!!
2019-08-08 12:57:43,250: INFO - =====
2019-08-08 12:57:43,255: DEBUG - Assign free vars
2019-08-08 12:57:43,261: INFO - > CALL SLOT NULLADAPTER.NULLSLOT
2019-08-08 12:57:43,266: INFO - < SLOT CALLED NULLADAPTER.NULLSLOT
2019-08-08 12:57:43,271: INFO - < Rivet finished sucessfully
2019-08-08 12:57:43,276: INFO - -----

2019-08-08 12:57:43,281: INFO - > RUN RIVET 5
2019-08-08 12:57:43,286: DEBUG - > Wait For Signal:genericAS4Corner1|8.processNotification(esens.wp6.esensMshBackend.MessageNotification)
2019-08-08 12:57:43,368: DEBUG - < Signal Arrived: genericAS4Corner1|8.processNotification(esens.wp6.esensMshBackend.MessageNotification)
2019-08-08 12:57:43,378: INFO - =====
2019-08-08 12:57:43,383: INFO - Corner1 backend NOTIFICATION
2019-08-08 12:57:43,388: INFO - status :Receipt
2019-08-08 12:57:43,393: INFO - messageId: 0b064611-0c0e-437b-9dcf-e905321f98c4@mindertestbed.org
2019-08-08 12:57:43,398: INFO - shortDescription: null
2019-08-08 12:57:43,403: INFO - descriptionnull
2019-08-08 12:57:43,410: INFO - =====
2019-08-08 12:57:43,416: DEBUG - Assign free vars
2019-08-08 12:57:43,421: INFO - > CALL SLOT NULLADAPTER.NULLSLOT
2019-08-08 12:57:43,427: INFO - < SLOT CALLED NULLADAPTER.NULLSLOT
2019-08-08 12:57:43,435: INFO - < Rivet finished sucessfully
2019-08-08 12:57:43,440: INFO - -----

2019-08-08 12:57:43,445: INFO - Test #29786 Finished
```

Test Report - AS4_CP_TA33

Overview

Test Group:	AS4 Common Profile Test Assertions
Test Assertion:	AS4_CP_TA33
Test Case:	AS4_CP_TA33_TC01
User:	ROOT
Date:	2019.08.08 12:57:44
System(s) Tested:	1- Phase4

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

Test Assertion Details

TAID:	AS4_CP_TA33
Target:	Payload reception
Normative Source:	[eDelivery-AS4] "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 eDelivery AS4 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

```
2019-08-08 12:57:45,810: INFO - Minder version v2.3.0
2019-08-08 12:57:45,815: INFO - Start Test
2019-08-08 12:57:45,821: INFO - Initialize test case
2019-08-08 12:57:45,829: DEBUG - Parameters
2019-08-08 12:57:45,834: DEBUG - Corner2:phoss-c2
Corner3:phoss-c3
2019-08-08 12:57:45,839: INFO - > Initialize the Adapters
2019-08-08 12:57:45,844: INFO - Call start test on NULLADAPTER
2019-08-08 12:57:45,850: INFO - Obtain SUT Identifiers from NULLADAPTER
2019-08-08 12:57:45,855: INFO - Call start test on as4-adapter
2019-08-08 12:57:45,861: INFO - Obtain SUT Identifiers from as4-adapter
2019-08-08 12:57:45,867: INFO - System Under Test: Phase4
2019-08-08 12:57:45,872: INFO - System Under Test: Phase4
2019-08-08 12:57:45,877: INFO - Call start test on genericAS4Corner4
2019-08-08 12:57:45,883: INFO - Obtain SUT Identifiers from genericAS4Corner4
2019-08-08 12:57:45,889: INFO - Call start test on genericAS4Corner1
2019-08-08 12:57:45,895: INFO - Obtain SUT Identifiers from genericAS4Corner1
2019-08-08 12:57:45,900: INFO - > RUN RIVET 0
2019-08-08 12:57:45,905: DEBUG - Assign free vars
2019-08-08 12:57:45,911: INFO - =====
2019-08-08 12:57:45,917: INFO - Corner 2 phoss-c2
2019-08-08 12:57:45,922: INFO - Corner 3 phoss-c3
2019-08-08 12:57:45,927: INFO - =====
2019-08-08 12:57:45,952: INFO - > CALL SLOT NULLADAPTER.NULLSLOT
2019-08-08 12:57:45,957: INFO - < SLOT CALLED NULLADAPTER.NULLSLOT
2019-08-08 12:57:45,962: INFO - < Rivet finished sucessfully
2019-08-08 12:57:45,968: INFO - -----

2019-08-08 12:57:45,973: INFO - > RUN RIVET 1
2019-08-08 12:57:45,978: DEBUG - Assign free vars
2019-08-08 12:57:45,983: INFO - > CALL SLOT genericAS4Corner1|8.submitMessage(esens.wp6.esensMshBackend.SubmissionData)
2019-08-08 12:57:46,188: INFO - < SLOT CALLED genericAS4Corner1|8.submitMessage(esens.wp6.esensMshBackend.SubmissionData)
2019-08-08 12:57:46,194: INFO - < Rivet finished sucessfully
2019-08-08 12:57:46,199: INFO - -----

2019-08-08 12:57:46,204: INFO - > RUN RIVET 2
2019-08-08 12:57:46,209: DEBUG - > Wait For Signal:as4-adapter|8.messageReceived(byte[])
2019-08-08 12:57:47,273: DEBUG - < Signal Arrived: as4-adapter|8.messageReceived(byte[])
2019-08-08 12:57:47,279: INFO - =====
2019-08-08 12:57:47,284: INFO - C2 AS4 Message:
2019-08-08 12:57:47,291: INFO - <?xml version="1.0" encoding="UTF-8"?>
<eb:Messaging xmlns:eb="http://docs.oasis-open.org/ebxml-msg/ebms/v3.0/ns/core/200704/"
xmlns:S11="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:ebbp="http://docs.oasis-open.org/ebxml-bp/ebbp-signals-2.0"
xmlns:S12="http://www.w3.org/2003/05/soap-envelope"
xmlns:wsu="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-wssecurity-utility-1.0.xsd"
xmlns:ds="http://www.w3.org/2000/09/xmldsig#"
xmlns:xlink="http://www.w3.org/1999/xlink"
S12:mustUnderstand="true"
wsu:Id="phase4-msg-9a17c614-2077-4e0b-a781-0ba48992ec5f">
<eb:UserMessage>
<eb:MessageInfo>
<eb:Timestamp>2019-08-08T12:57:52.152</eb:Timestamp>
<eb:MessageId>3988fe93-07f1-447c-a49f-7d541e8309d9@mindertestbed.org</eb:MessageId>
</eb:MessageInfo>
<eb:PartyInfo>
<eb:From>
<eb:PartyId>phoss-c2</eb:PartyId>
<eb:Role>http://www.esens.eu/as4/conformancetest/sut</eb:Role>
</eb:From>
<eb:To>
<eb:PartyId>phoss-c3</eb:PartyId>
<eb:Role>http://docs.oasis-open.org/ebxml-msg/ebms/v3.0/ns/core/200704/responder</eb:Role>
</eb:To>
</eb:PartyInfo>
<eb:CollaborationInfo>
<eb:AgreementRef pmode="phoss-c2-phoss-c3">urn:as4:agreement</eb:AgreementRef>
<eb:Service>SRV_SIMPLE_ONEWAY</eb:Service>
<eb:Action>ACT_SIMPLE_ONEWAY</eb:Action>
<eb:ConversationId>171215</eb:ConversationId>
</eb:CollaborationInfo>
<eb:MessageProperties>
<eb:Property name="originalSender">C1</eb:Property>
<eb:Property name="finalRecipient">C4</eb:Property>
</eb:MessageProperties>
<eb:PayloadInfo>
<eb:PartInfo href="cid:xmlpayload@minder">
<eb:PartProperties>
<eb:Property name="MimeType">application/xml</eb:Property>
<eb:Property name="CharacterSet">ISO-8859-1</eb:Property>
<eb:Property name="CompressionType">application/gzip</eb:Property>
</eb:PartProperties>
</eb:PartInfo>
<eb:PartInfo href="cid:xmlpayload2@minder">
<eb:PartProperties>
<eb:Property name="MimeType">application/xml</eb:Property>
<eb:Property name="CharacterSet">ISO-8859-1</eb:Property>
<eb:Property name="CompressionType">application/gzip</eb:Property>
</eb:PartProperties>
</eb:PartInfo>
<eb:PartInfo href="cid:custompayload@minder">
<eb:PartProperties>
<eb:Property name="MimeType">application/octet-stream</eb:Property>
<eb:Property name="CharacterSet">ISO-8859-1</eb:Property>
<eb:Property name="CompressionType">application/gzip</eb:Property>
</eb:PartProperties>
</eb:PartInfo>
</eb:PayloadInfo>
</eb:UserMessage>
```

```
<?xml version='1.0' encoding='UTF-8'?>
<xsi:schemaLocation xmlns:xsi='http://www.w3.org/2001/XMLSchema-instance'
xmlns:wssse='http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-security-sectext-1.0.xsd'
xmlns:wssu='http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-security-utility-1.0.xsd' />
<s12:mustUnderstand='true'>
<wss:SecurityToken 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='#X509-a49be114-dab5-48ab-97b3-6697685cdeb0'></wss:SecurityToken>
<s12:Header xmlns:S12='http://www.w3.org/2003/05/soap-envelope'>
<S12:Header xmlns:S12='http://www.w3.org/2003/05/soap-envelope'>
<wss:SecurityToken xmlns:wssse='http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-security-sectext-1.0.xsd'
xmlns:wssu='http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-security-utility-1.0.xsd' />
<s12: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='#X509-a49be114-dab5-48ab-97b3-6697685cdeb0'></wss:BinarySecurityToken>
<s12:Header xmlns:S12='http://www.w3.org/2003/05/soap-envelope'>
<S12:Header xmlns:S12='http://www.w3.org/2003/05/soap-envelope'>
<wss:Signature xmlns:wsssig='http://www.w3.org/2001/04/xmldsig-more#rsa-sha256'
ReferenceURI='#phase4-msg-cf49c3d9-01e9-4633-948d-45e9c4bda250'>
<ds:SignedInfo>
<ds:CanonicalizationMethod Algorithm='http://www.w3.org/2001/10/xml-exc-c14n#'></ds:CanonicalizationMethod>
<ec:InclusiveNamespaces xmlns:ec='http://www.w3.org/2001/10/xml-exc-c14n#' PrefixList=('S12')/>
<ds:CanonicalizationMethod>
<ds:SignatureMethod Algorithm='http://www.w3.org/2001/04/xmldsig-more#rsa-sha256'/>
<ds:Reference URI='#phase4-msg-cf49c3d9-01e9-4633-948d-45e9c4bda250'>
<ds:Transforms>
<ds:Transform Algorithm='http://www.w3.org/2001/10/xml-exc-c14n#'></ds:Transform>
<ds:DigestMethod Algorithm='http://www.w3.org/2001/04/xmlenc-sha256'/>
<ds:DigestValue>m2FvFWHlymsnThC9dTQyHe3rDFVtKg9v+zboqS0AFU=</ds:DigestValue>
</ds:Reference>
<ds:Reference URI='#id-c722cd5-b0ef-467d-a6b7-cca65d677d55'>
<ds:Transforms>
<ds:Transform Algorithm='http://www.w3.org/2001/10/xml-exc-c14n#'></ds:Transform>
<ds>DigestMethod Algorithm='http://www.w3.org/2001/04/xmlenc-sha256'/>
<ds>DigestValue>m2FvFWHlymsnThC9dTQyHe3rDFVtKg9v+zboqS0AFU=</ds>DigestValue>
</ds>Reference>
<ds>SignedInfo>
<ds>SignatureValue>KWEXFAJzjYOIEjYekNcautGeZVZ7jmATP2bsO+c+JrMgvdN+Fx3rdFxWse+fmmilQ8JAwtjn2BaWbbWR+FYGzs27lvD1wf06+cifSeEFUN4bdb8HzvyZRvgzbQ7
1nus5NLJEhkKztQCJCUIXQHqixYwnY6isXB2F8HCNP8e3ctfdQVBEBKFpnRbzK4RA3G2x3IUWEQL2GVS4cfVmDDUm18WIDckuFH8AIgTvdoYJBGB3LU6Z7iyOLsQANPXArAt4tvVm
WaImROjoWTBT7AIdXTkT7TrKRABKSrCXSGSekvnVGNNHQ28csVuAsHcg2pwawCBtusNWys56TRGKA8fw==</ds>SignatureValue>
<ds>KeyInfo id='KI-14511c14-6a58-4482-a123-42712371e827'>
<wss:SecurityTokenReference wsu:id='STR-ba55bec8-cdb0-4137-9f9e-056209b70b49'>
<wss:Reference URI='#X509-a49be114-dab5-48ab-97b3-6697685cdeb0'
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>
<eb:Messaging xmlns:eb='http://docs.oasis-open.org/ebxmsg-eblms/v3.0/ns/core/200704/'
xmlns:S11='http://schemas.xmlsoap.org/soap/envelope/'
xmlns:eblbp='http://docs.oasis-open.org/ebxmsg-eblbp-signals-2.0'
xmlns:wsu='http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-security-utility-1.0.xsd'
xmlns:ds='http://www.w3.org/2001/10/xml-exc-c14n#'
xmlns:xlink='http://www.w3.org/1999/xlink'
S12:mustUnderstand='true'
wsu:id='phase4-msg-cf49c3d9-01e9-4633-948d-45e9c4bda250'>
<eb:SignalMessage>
<eb:MessageInfo>
<eb:Timestamp>2019-08-08T12:57:52.606</eb:Timestamp>
<eb:MessageId>664375a9-c8f0-4862-bb49-3a04cf8992c8@phase4</eb:MessageId>
<eb:RefToMessageId>3988fe93-07f1-447c-a49f-7d541e8309d9@minder-testbed.org</eb:RefToMessageId>
</eb:MessageInfo>
<eb:Receipt>
<ebbp:NonRepudiationInformation>
<ebbp:MessagePartNRInformation>
<ds:Reference URI='#phase4-msg-9a17c614-2077-4e0b-a781-0ba48992ec5f'>
<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>Oj3fsXPufgmSiBbfONRePEExGORntBOntcnCN5VBe3o=</ds>DigestValue>
</ds>Reference>
</ebbp:MessagePartNRInformation>
<ebbp:MessagePartNRInformation>
<ds>Reference URI='#id-4cd08ea9-2ada-49ec-a878-27cb4deb6ffa'>
<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>53amWMFggOP2CvFr2qtPcqFENYi4968IkPn+rNhuwXU=</ds:DigestValue>
</ds:Reference>
</ebbp:MessagePartNRInformation>
<ebbp:MessagePartNRInformation>
<ds:Reference URI="cid:xmldata@minder">
<ds:Transforms>
<ds:Transform Algorithm="http://docs.oasis-open.org/wss/oasis-wss-SwAProfile-1.1#Attachment-Content-Signature-Transform"/>
</ds:Transforms>
<ds:DigestMethod Algorithm="http://www.w3.org/2001/04/xmlenc#sha256"/>
<ds:DigestValue>yqDt8JU9CgV+e+tbUO3wVj/I811CUMDvel8LpSJ14o=</ds:DigestValue>
</ds:Reference>
</ebbp:MessagePartNRInformation>
<ebbp:MessagePartNRInformation>
<ds:Reference URI="cid:xmldata2@minder">
<ds:Transforms>
<ds:Transform Algorithm="http://docs.oasis-open.org/wss/oasis-wss-SwAProfile-1.1#Attachment-Content-Signature-Transform"/>
</ds:Transforms>
<ds:DigestMethod Algorithm="http://www.w3.org/2001/04/xmlenc#sha256"/>
<ds:DigestValue>UbMYV5CWJKXCyy1MPt54+wFeYbjnWlyqr0OQig7w2Vs=</ds:DigestValue>
</ds:Reference>
</ebbp:MessagePartNRInformation>
<ebbp:MessagePartNRInformation>
<ds:Reference URI="cid:custompayload@minder">
<ds:Transforms>
<ds:Transform Algorithm="http://docs.oasis-open.org/wss/oasis-wss-SwAProfile-1.1#Attachment-Content-Signature-Transform"/>
</ds:Transforms>
<ds:DigestMethod Algorithm="http://www.w3.org/2001/04/xmlenc#sha256"/>
<ds:DigestValue>r7CBJbov5qfQij53dkc1t13rbaTa3dKkqkCR5ankrf0=</ds:DigestValue>
</ds:Reference>
</ebbp:MessagePartNRInformation>
</ebbp:NonRepudiationInformation>
</eb:Receipt>
</eb:SignalMessage>
</eb:Messaging>
</S12:Header>
2019-08-08 12:57:47,646: INFO - =====
2019-08-08 12:57:47,651: DEBUG - Assign free vars
2019-08-08 12:57:47,657: INFO - > CALL SLOT as4-adapter|8.sendResponse(byte[])
2019-08-08 12:57:47,662: INFO - < SLOT CALLED as4-adapter|8.sendResponse(byte[])
2019-08-08 12:57:47,668: INFO - < Rivet finished sucessfully
2019-08-08 12:57:47,673: INFO - =====

2019-08-08 12:57:47,678: INFO - > RUN RIVET 4
2019-08-08 12:57:47,683: DEBUG - > Wait For Signal:genericAS4Corner1|8.processNotification(esens.wp6.esensMshBackend.MessageNotification)
2019-08-08 12:57:48,985: DEBUG - < Signal Arrived: genericAS4Corner1|8.processNotification(esens.wp6.esensMshBackend.MessageNotification)
2019-08-08 12:57:48,995: INFO - =====
2019-08-08 12:57:49,000: INFO - Corner1 backend NOTIFICATION
2019-08-08 12:57:49,005: INFO - status :Receipt
2019-08-08 12:57:49,010: INFO - messageId: 3988fe93-07f1-447c-a49f-7d541e8309d9@mindertestbed.org
2019-08-08 12:57:49,015: INFO - shortDescription: null
2019-08-08 12:57:49,021: INFO - descriptionnull
2019-08-08 12:57:49,026: INFO - =====
2019-08-08 12:57:49,033: DEBUG - Assign free vars
2019-08-08 12:57:49,038: INFO - > CALL SLOT NULLADAPTER.NULLSLOT
2019-08-08 12:57:49,043: INFO - < SLOT CALLED NULLADAPTER.NULLSLOT
2019-08-08 12:57:49,048: INFO - < Rivet finished sucessfully
2019-08-08 12:57:49,053: INFO - =====

2019-08-08 12:57:49,058: INFO - > RUN RIVET 5
2019-08-08 12:57:49,064: DEBUG - > Wait For Signal:genericAS4Corner4|8.receiveMessage(esens.wp6.esensMshBackend.SubmissionData)
2019-08-08 12:57:49,069: DEBUG - < Signal Arrived: genericAS4Corner4|8.receiveMessage(esens.wp6.esensMshBackend.SubmissionData)
2019-08-08 12:57:49,078: INFO - =====
2019-08-08 12:57:49,083: INFO - Corner4 Received Payloads:
2019-08-08 12:57:49,088: INFO - Data
2019-08-08 12:57:49,093: INFO - originalSender: C1
2019-08-08 12:57:49,098: INFO - finalRecipient: C4
2019-08-08 12:57:49,104: INFO - refToMessageId: null
2019-08-08 12:57:49,109: INFO - conversationId: 171215
2019-08-08 12:57:49,114: INFO - messageId: 3988fe93-07f1-447c-a49f-7d541e8309d9@mindertestbed.org
2019-08-08 12:57:49,119: INFO - to: Minder
2019-08-08 12:57:49,124: INFO - from: null
2019-08-08 12:57:49,130: INFO - pModelId: null
2019-08-08 12:57:49,135: INFO - =====
2019-08-08 12:57:49,141: INFO - payloadId: xmldata@minder == type: application/xml.
2019-08-08 12:57:49,146: INFO - <min><der>sample</der></min>
2019-08-08 12:57:49,151: INFO - payloadId: xmldata2@minder == type: application/xml.
2019-08-08 12:57:49,157: INFO - <another>XML Document</another>
2019-08-08 12:57:49,162: INFO - payloadId: custompayload@minder == type: application/octet-stream.
2019-08-08 12:57:49,167: INFO - !! Modify me after submission, if you dare!!
2019-08-08 12:57:49,172: INFO - =====
2019-08-08 12:57:49,177: DEBUG - Assign free vars
2019-08-08 12:57:49,182: INFO - > CALL SLOT NULLADAPTER.NULLSLOT
2019-08-08 12:57:49,188: INFO - < SLOT CALLED NULLADAPTER.NULLSLOT
2019-08-08 12:57:49,193: INFO - < Rivet finished sucessfully
2019-08-08 12:57:49,198: INFO - =====

2019-08-08 12:57:49,203: INFO - Test #29787 Finished
```

Test Report - AS4_CP_TA34

Overview

Test Group:	AS4 Common Profile Test Assertions
Test Assertion:	AS4_CP_TA34
Test Case:	AS4_CP_TA34_TC01
User:	ROOT
Date:	2019.08.08 12:57:50
System(s) Tested:	1- Phase4

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

Test Assertion Details

TAID:	AS4_CP_TA34
Target:	Payload compression
Normative Source:	[eDelivery-AS4] "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">• SSMH and RSMH are configured to exchange AS4 messages according to the eDelivery AS4 profile (One-Way/Push MEP).• Producer submits a message with metadata information and a payload to the SSMH.• The SSMH is simulated to send an AS4 User message with a compressed then signed payload to the RSMH.
Predicate:	The RSMH sends back an AS4 non-repudiation receipt.
Variables:	
Tag:	Signature/Compression

Log

```
2019-08-08 12:57:51,482: INFO - Minder version v2.3.0
2019-08-08 12:57:51,487: INFO - Start Test
2019-08-08 12:57:51,492: INFO - Initialize test case
2019-08-08 12:57:51,501: DEBUG - Parameters
2019-08-08 12:57:51,506: DEBUG - Corner2:phoss-c2
Corner3:phoss-c3
2019-08-08 12:57:51,511: INFO - > Initialize the Adapters
2019-08-08 12:57:51,516: INFO - Call start test on NULLADAPTER
2019-08-08 12:57:51,522: INFO - Obtain SUT Identifiers from NULLADAPTER
2019-08-08 12:57:51,527: INFO - Call start test on as4-adapter
2019-08-08 12:57:51,533: INFO - Obtain SUT Identifiers from as4-adapter
2019-08-08 12:57:51,539: INFO - System Under Test: Phase4
2019-08-08 12:57:51,544: INFO - System Under Test: Phase4
2019-08-08 12:57:51,549: INFO - Call start test on genericAS4Corner4
2019-08-08 12:57:51,555: INFO - Obtain SUT Identifiers from genericAS4Corner4
2019-08-08 12:57:51,561: INFO - Call start test on genericAS4Corner1
2019-08-08 12:57:51,566: INFO - Obtain SUT Identifiers from genericAS4Corner1
2019-08-08 12:57:51,572: INFO - > RUN RIVET 0
2019-08-08 12:57:51,577: DEBUG - Assign free vars
2019-08-08 12:57:51,582: INFO - =====
2019-08-08 12:57:51,588: INFO - Corner 2 phoss-c2
2019-08-08 12:57:51,594: INFO - Corner 3 phoss-c3
2019-08-08 12:57:51,599: INFO - =====
2019-08-08 12:57:51,636: INFO - > CALL SLOT NULLADAPTER.NULLSLOT
2019-08-08 12:57:51,641: INFO - < SLOT CALLED NULLADAPTER.NULLSLOT
2019-08-08 12:57:51,647: INFO - < Rivet finished sucessfully
2019-08-08 12:57:51,652: INFO - -----

2019-08-08 12:57:51,657: INFO - > RUN RIVET 1
2019-08-08 12:57:51,662: DEBUG - Assign free vars
2019-08-08 12:57:51,667: INFO - > CALL SLOT genericAS4Corner1|8.submitMessage(esens.wp6.esensMshBackend.SubmissionData)
2019-08-08 12:57:51,997: INFO - < SLOT CALLED genericAS4Corner1|8.submitMessage(esens.wp6.esensMshBackend.SubmissionData)
2019-08-08 12:57:52,002: INFO - < Rivet finished sucessfully
2019-08-08 12:57:52,007: INFO - -----

2019-08-08 12:57:52,012: INFO - > RUN RIVET 2
2019-08-08 12:57:52,018: DEBUG - > Wait For Signal:as4-adapter|8.messageReceived(byte[])
2019-08-08 12:57:52,980: DEBUG - < Signal Arrived: as4-adapter|8.messageReceived(byte[])
2019-08-08 12:57:52,986: INFO - =====
2019-08-08 12:57:52,991: INFO - C2 AS4 Message:
2019-08-08 12:57:52,998: INFO - <?xml version="1.0" encoding="UTF-8"?>
<eb:Messaging xmlns:eb="http://docs.oasis-open.org/ebxml-msg/ebms/v3.0/ns/core/200704/"
xmlns:S11="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:ebbp="http://docs.oasis-open.org/ebxml-bp/ebbp-signals-2.0"
xmlns:S12="http://www.w3.org/2003/05/soap-envelope"
xmlns:wsu="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-wssecurity-utility-1.0.xsd"
xmlns:ds="http://www.w3.org/2000/09/xmldsig#"
xmlns:xlink="http://www.w3.org/1999/xlink"
S12:mustUnderstand="true"
wsu:Id="phase4-msg-d7faa99-3261-41f5-9732-b1016ffb7e0d">
<eb:UserMessage>
<eb:MessageInfo>
<eb:Timestamp>2019-08-08T12:57:52.840</eb:Timestamp>
<eb:MessageId>4212058b-1706-4ca9-bf51-ef6bca3a23c7@mindentestbed.org</eb:MessageId>
</eb:MessageInfo>
<eb:PartyInfo>
<eb:From>
<eb:PartyId>phoss-c2</eb:PartyId>
<eb:Role>http://www.esens.eu/as4/conformancetest/sut</eb:Role>
</eb:From>
<eb:To>
<eb:PartyId>phoss-c3</eb:PartyId>
<eb:Role>http://docs.oasis-open.org/ebxml-msg/ebms/v3.0/ns/core/200704/responder</eb:Role>
</eb:To>
</eb:PartyInfo>
<eb:CollaborationInfo>
<eb:AgreementRef pmode="phoss-c2-phoss-c3">urn:as4:agreement</eb:AgreementRef>
<eb:Service>SRV_ONEWAY_SIGNONLY</eb:Service>
<eb:Action>ACT_ONEWAY_SIGNONLY</eb:Action>
<eb:ConversationId>38580</eb:ConversationId>
</eb:CollaborationInfo>
<eb:MessageProperties>
<eb:Property name="originalSender">C1</eb:Property>
<eb:Property name="finalRecipient">C4</eb:Property>
</eb:MessageProperties>
<eb:PayloadInfo>
<eb:PartInfo href="cid:xmlpayload@minder">
<eb:PartProperties>
<eb:Property name="MimeType">application/xml</eb:Property>
<eb:Property name="CharacterSet">ISO-8859-1</eb:Property>
<eb:Property name="CompressionType">application/gzip</eb:Property>
</eb:PartProperties>
</eb:PartInfo>
<eb:PartInfo href="cid:custompayload@minder">
<eb:PartProperties>
<eb:Property name="MimeType">application/octet-stream</eb:Property>
<eb:Property name="CharacterSet">ISO-8859-1</eb:Property>
<eb:Property name="CompressionType">application/gzip</eb:Property>
</eb:PartProperties>
</eb:PartInfo>
</eb:PayloadInfo>
</eb:UserMessage>
</eb:Messaging>
2019-08-08 12:57:53,004: INFO - =====
2019-08-08 12:57:53,009: INFO - C2 AS4 Security Header:
2019-08-08 12:57:53,014: INFO - <?xml version="1.0" encoding="UTF-8"?>
<wsse:Security xmlns:wsse="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-wssecurity-secext-1.0.xsd"
xmlns:S12="http://www.w3.org/2003/05/soap-envelope"
xmlns:wsu="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-wssecurity-utility-1.0.xsd"
```

```
<S12:mustUnderstand="true">
<wsse:BinarySecurityToken EncodingType="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-soap-message-security-1.0#Base64Binary"
ValueTypes="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-x509-token-profile-1.0#X509v3"
wsu:Id="#X509-4229e2ad-1db4-44c6-affd-
b177d54499b2"><MIIIDzCCAI+gAwIBAgIEWYzEPjANBgkqhkiG9w0BAQsFADBBSMQswCQYDVQQGEwJFTVTERMA8GA1UECBMlGhvc3MtYzIxETAPBgNVBACtCHBob3NzLWMyMREw
DwYDVQQKEWhwaG9zcyc1jMjERMA8GA1UECmMcGhvc3MtYzIxETAPBgNVBAMTCHBob3NzLWMyMB4XDTE5MDYwMzE0ZDUxNFoXDTE1MDYwMjE0ZDUxNFowbDELMAKGA1UEBH
CRVUxETAPBgNVBAGtCHBob3NzLWMyMREwDwYDVQQHEWhwaG9zcyc1jMjERMA8GA1UEChMlcGhvc3MtYzIxETAPBgNVBAsTCHBob3NzLWMyMREwDwYDVQQDEWhwaG9zcyc1jM
jCCASiswDQYJKoZIhvcNAQEBBQADggEPADCCAQoCggEBAlI2bXkvxzZUZYaMsdlJqDqWDqRSCA0fRV7z6eQNjpl6PH7OEOJaErfl/sDZo5HMTT/YbAqk9ZpqIFkb05ZrnNBkaONLC/TMX
q8pc2P2IKyO6p05Y27ZKlpUwVo8+xttYTk+QGWOAZCEOU3Zw7eUnLOspuMz4LaSuF540jGzoUBWYR6JPUIualWbCK7+irDN95F4soCYAggP3jylwalWjlmJHZC4dqNk2S3ev3D5/chxm
EApX8BFFFQoXoNK047XqGL5U2gqNKwUlOecVLww+1CJKAAGCJzwfE/IM1+iFsPQ0PbvZ2xJgXJleoZY57lPlV1Cv8736Q++cekCtDaq93scCAwEAaAhMB8whHQYDVR0OBYYEFDFWvAD1
9aj0iOrgyeV5lrkk0qyOYMA0GCsSqGSib3DQEBCwUAIAIBAQB+9+ciofGG3un06FI8KdsAcnx+a8Ra0SUQpmYuXBfgwxjUn7IUANARxo01KUa1dLYr9t9GMjlePY/hZmtaSpptychSub1I9rN
aU1IN8rVWkK3mEarwFyBoENPhvSUBnTJaTdwyUVqeLDXiKHecVvHbUiCaSwPGOPUUfV7/1L7JBTHSTB3RPCi8kDi2kCQzBWVmsb83aUrqr+fj84JC1xsQMWFIIQQA0mqRmTntNQ5g
HckjTfOpKpx88YKWLLh+/Vs5yV7nGiIf+gz7OpeFRkq1ocU3B42Gyti8GT29j0z919662C5pRknULWJm3zhHu8J9P6m7d4/</wsse:BinarySecurityToken>
<ds:Signature xmlns:ds="http://www.w3.org/2000/09/xmldsig#"
Id="#SIG-b6c65fa37f2-4431-a79a-ab718ba03336">
<ds:SignedInfo>
<ds:CanonicalizationMethod Algorithm="http://www.w3.org/2001/10/xml-exc-c14n#">
<ec:InclusiveNamespaces xmlns:ec="http://www.w3.org/2001/10/xml-exc-c14n#" PrefixList="S12"/>
<ds:CanonicalizationMethod>
<ds:SignatureMethod Algorithm="http://www.w3.org/2001/04/xmldsig-more#rsa-sha256"/>
<ds:Reference URI="#phase4-msg-d7faa99-3261-41f5-9732-b1016ffb7e0d">
<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>Bgj3VAbm21DGtdsJ2raRpDKIP2VZo5tikL5eRRkvMI4=</ds:DigestValue>
</ds:Reference>
<ds:Reference URI="#id-34338d7d-c123-40ea-aa7e-f0456566ed05">
<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>8lBlVB6EOsbAn8oFXtTOccv6J2p4p5oH7QQDYa7obU8=</ds:DigestValue>
</ds:Reference>
<ds:Reference 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/xmenc#sha256"/>
<ds:DigestValue>yqDt8JU9CgvE+etbfUO3wVjlI811CUMDvel8LpSJ14o=</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>r7CBJboV5qfQij53dkc1t13baTa3dKKqkCR5ankrf0=</ds:DigestValue>
</ds:Reference>
</ds:SIGNEDINFO>
<ds:SignatureValue>FVobDAY3AVi0aMn/Ic6D0+9CgDRoNEB/qn8lyt8My5M0VFIUXMynE7wHSYzVLULVSQty+cbcmAcJeU1RhSklFSvxNqzk+tf8aBD+v46litDJZGL0jfOQ8b4Po5qFbTT
8mrWS8RlWPaoUyRL3lnleKV9pgSCIUhDLIo+9sCCvIDomYKRcMa6bAjALIB17UDZB1HkgH1sNDK11lmQl3gg9QUAKwh3OGGftoiZRBM3ytuKaOq8/pNK5HL4ATf5+S+WmhI50ouKG
JYUwtY46NYPTNPRe/Rb9qIO1ZMCmlCNkzbv6UKsjlFWef8ICDTjzzq85nWalodCuLE4w==</ds:SignatureValue>
<ds:KeyInfo Id="KI-5a2377dd-c158-4653-a641-2bd089da1686">
<wsse:SecurityTokenReference wsu:Id="STR-12fa4113-4476-430c-982b-77bc250e61dc">
<wsse:Reference URI="#X509-4229e2ad-1db4-44c6-affd-b177d54499b2"
ValueTypes="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-x509-token-profile-1.0#X509v3"/>
</wsse:SecurityTokenReference>
</ds:KeyInfo>
</ds:Signature>
</wsse:Security>
2019-08-08 12:57:53,020: INFO - =====
2019-08-08 12:57:53,026: INFO - Signature Algorithm: http://www.w3.org/2001/04/xmldsig-more#rsa-sha256
2019-08-08 12:57:53,031: INFO - =====
2019-08-08 12:57:53,036: INFO - Hash Algorithm: http://www.w3.org/2001/04/xmenc#sha256
2019-08-08 12:57:53,042: INFO - =====
2019-08-08 12:57:53,047: DEBUG - Assign free vars
2019-08-08 12:57:53,052: INFO - > CALL SLOED as4-adapter[8.sendMessage(byte[])]
2019-08-08 12:57:53,184: INFO - < SLOATED as4-adapter[8.sendMessage(byte[])]
2019-08-08 12:57:53,189: INFO - < Rivet finished successfully
2019-08-08 12:57:53,194: INFO - -----
2019-08-08 12:57:53,199: INFO - > RUN RIVET 3
2019-08-08 12:57:53,205: DEBUG - > Wait For Signal:as4-adapter[8.replyReceived(byte[])]
2019-08-08 12:57:53,210: DEBUG - < Signal Arrived: as4-adapter[8.replyReceived(byte[])]
2019-08-08 12:57:53,216: INFO - =====
2019-08-08 12:57:53,222: INFO - Received the Receipt: 1565269073222
2019-08-08 12:57:53,227: INFO - =====
2019-08-08 12:57:53,234: INFO - RECEIPT:
2019-08-08 12:57:53,239: INFO - <?xml version="1.0" encoding="UTF-8"?>
<S12:Header xmlns:S12="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"
xmlns:wsu="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-wssecurity-utility-1.0.xsd"
S12:mustUnderstand="true">
<wsse:BinarySecurityToken EncodingType="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-soap-message-security-1.0#Base64Binary"
ValueTypes="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-x509-token-profile-1.0#X509v3"
wsu:Id="#X509-56b06d40-a710-434b-8829-
5f780c480dd2"><MIIIDzCCAI+gAwIBAgIEa5BaQAjANBgkqhkiG9w0BAQsFADBBSMQswCQYDVQQGEwJFTVTERMA8GA1UECBMlGhvc3MtYzIxETAPBgNVBAMTCHBob3NzLWMzMREw
DwYDVQQKEWhwaG9zcyc1jMjERMA8GA1UECmMcGhvc3MtYzIxETAPBgNVBAMTCHBob3NzLWMzMREwDwYDVQQDEWhwaG9zcyc1jMjERMA8GA1UEChMlcGhvc3MtYzIxETAPBgNVBAsTCHBob3NzLWMzMREwDwYDVQQDEWhwaG9zc
y1jMjCCASiswDQYJKoZIhvcNAQEBBQADggEPADCCAQoCggEBAJrgRWo9a7DiX0yh+0ACnX8hUbbtCHLuiSDaucPI2fnfWh8XorPKa5rSIRJb61bu6AC/pNFK3EdtlhPxfs5AazJ6c5U8okM
36R8JZdry5Yhf0otGJoQRlnTBXNGae2qxvdrrJhiZPHguUNYe7sRgAYd2kfVWRuXAq8uAD23DBG9X1r8dDscSApnrUx4LF8SIqqwrsBtk00U1fykoADSoDHemmm4kiOb9/GWmfFcH
4GSUJy15PG21ljWCrdi4c3/AJOmSQMWZeWdVqEbX2doQ11Au9ALB3bblyp7DDvAbtvASwLK5QjqVfX0u3Fxo5BkkeloF5THqnOrMLKOAYcCAwEAaAhMB8whHQYDVR0OBYYEFDFZbzvaU9
/ZqALLJgmKqtKtSgd5xG/MAOGCCSiqGSib3DQEBCwUAIAIBAQBHGwsgC7vPMYru8b4Cgy3E3YeXIUPDYN3tJOBdzJEvhSIFPJdZ7lbP1EGCb8yiXADhd6/atwTbiX2+P+od3q+4/Zub2ktGJSdr
511QrM/DhaJo3GL7GcmSASWG3YjfrX1/Yu6VogaSZYmflVnatHuDIYG4c6Zbf5P3vw0xVHNtITDB8Zp9mPKPKPJ3m2sOFii2JODzAgoTf/GeZaXHPVU58bQc+KiZEveZvPoPiXty4AUld4d
ILSEghDqptO6vVLBYM43DUwFob4i9/iynbn6IZkdAc3GSZIDkZsvTmbUe2
```



```
</ds:Transforms>
<ds:DigestMethod Algorithm="http://www.w3.org/2001/04/xmenc#sha256"/>
<ds:DigestValue>padXSJsog7vskec9fH4IQhNy4zYhLyjieH8LJvq57Jk=</ds:DigestValue>
</ds:Reference>
<ds:Reference URI="#id-97a49f7f-9cf4-4385-a492-c9a7a752f6f1">
</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>BecdhFnIvEvLpdiucrzsIr2xuViMGVoM2k0WCyCwI=</ds:DigestValue>
</ds:Reference>
</ds:SignedInfo>
<ds:SignatureValue>VSx2zVBagbLWMiOKOPFmPzSHii2kZpziTTwDbh5+hJCzguH4uAXdtuz2ZdUiAIW9S6kluYMu5+KXYM0OMBbf9FyTYUYK7JqLEmYFVAuIIUVEnKVM9DH/YnhRHHV7
KG1mjcGKIOYIESIE71120bb20MSrxZRa0Btd/jh5GUINORDq96Sr70rv+pLAgE0QSVQSm2Hx+3fuZMCs1zG6IOINFpM1QBhDr6uEmHh0bpQbQxatVIDTK6Mc7XywcIxEuE8VPM87b7V9v
SD/3h4ENY3BDGqGAMHjgsMcO+FBkpkabmpy67VSe1No5PLPTBLg4RMeWtAbahFIJE67Q8aiaABDA==</ds:SignatureValue>
<ds:KeyInfo Id="KI-d9e3cd91-975d-4abb-b794-a36fd66638fd">
<wsse:SecurityTokenReference wsu:Id="STR-ccb8e660-ade9-4a4a-87be-6be5a3de3379">
<wsse:Reference URI="#X509-56b06d40-a710-434b-8829-5f780c480dd2"
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:S11="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:ebbp="http://docs.oasis-open.org/ebxml-bp/ebbp-signals-2.0"
xmlns:wsu="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-wssecurity-utility-1.0.xsd"
xmlns:ds="http://www.w3.org/2000/09/xmldsig#"
xmlns:xlink="http://www.w3.org/1999/xlink"
S12:mustUnderstand="true"
wsu:Id="phase4-msg-b22c2db9-1831-44b8-8819-87a0659879d6">
<eb:SignalMessage>
<eb:MessageInfo>
<eb:Timestamp>2019-08-08T12:57:58.195</eb:Timestamp>
<eb:MessageId>a88f90f1-6de8-41e3-a876-47de371f6e4d@phase4</eb:MessageId>
<eb:RefToMessageId>4212058b-1706-4ca9-bf51-ef6bca3a23c7@mindentestbed.org</eb:RefToMessageId>
</eb:MessageInfo>
<eb:Receipt>
<ebbp:NonRepudiationInformation>
<ebbp:MessagePartNRInformation>
<ds:Reference URI="#phase4-msg-d7dfaa99-3261-41f5-9732-b1016ffb7e0d">
</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>Bgj3VAbm21DGtdsJ2raRpDIkP2VZo5tikL5eRRkvMI4=</ds:DigestValue>
</ds:Reference>
</ebbp:MessagePartNRInformation>
<ebbp:MessagePartNRInformation>
<ds:Reference URI="#id-34338d7d-c123-40ea-aa7e-f0456566ed05">
</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>8lBIVb6EOsbAn8oFXTtOCcv6J2p4p5oH7QQDya7obU8=</ds:DigestValue>
</ds:Reference>
</ebbp:MessagePartNRInformation>
<ebbp:MessagePartNRInformation>
<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+tbFUO3wVjI811CUMDvel8LpSJ14o=</ds:DigestValue>
</ds:Reference>
</ebbp:MessagePartNRInformation>
<ebbp:MessagePartNRInformation>
<ds:Reference URI="cid:custompayload@minder">
</ds:Transforms>
<ds:Transform Algorithm="http://docs.oasis-open.org/wss/oasis-wss-SwAPProfile-1.1#Attachment-Content-Signature-Transform"/>
</ds:Transforms>
<ds:DigestMethod Algorithm="http://www.w3.org/2001/04/xmenc#sha256"/>
<ds:DigestValue>r7CJBov5qfQij53dkc1t13rbaTa3dKkqkCR5ankrf0=</ds:DigestValue>
</ds:Reference>
</ebbp:MessagePartNRInformation>
</ebbp:NonRepudiationInformation>
</eb:Receipt>
</eb:SignalMessage>
</eb:Messaging>
</S12:Header>
2019-08-08 12:57:53,244: INFO - =====
2019-08-08 12:57:53,250: DEBUG - Assign free vars
2019-08-08 12:57:53,255: INFO - > CALL SLOT as4-adapter|8.sendResponse(byte[])
2019-08-08 12:57:53,261: INFO - < SLOT CALLED as4-adapter|8.sendResponse(byte[])
2019-08-08 12:57:53,266: INFO - < Rivet finished successfully
2019-08-08 12:57:53,272: INFO - =====
2019-08-08 12:57:53,277: INFO - > RUN RIVET 4
2019-08-08 12:57:53,282: DEBUG - > Wait For Signal: genericAS4Corner4|8.receiveMessage(esens.wp6.esensMshBackend.SubmissionData)
2019-08-08 12:57:54,329: DEBUG - < Signal Arrived: genericAS4Corner4|8.receiveMessage(esens.wp6.esensMshBackend.SubmissionData)
2019-08-08 12:57:54,338: INFO - =====
2019-08-08 12:57:54,344: INFO - Corner4 Received Payloads:
2019-08-08 12:57:54,349: INFO - Data
2019-08-08 12:57:54,354: INFO - originalSender: C1
2019-08-08 12:57:54,359: INFO - finalRecipient: C4
2019-08-08 12:57:54,364: INFO - refToMessageId: null
2019-08-08 12:57:54,369: INFO - conversationId: 38580
2019-08-08 12:57:54,375: INFO - messageId: 4212058b-1706-4ca9-bf51-ef6bca3a23c7@mindentestbed.org
2019-08-08 12:57:54,380: INFO - to: Minder
2019-08-08 12:57:54,385: INFO - from: null
2019-08-08 12:57:54,391: INFO - pModelId: null
2019-08-08 12:57:54,396: INFO - =====
2019-08-08 12:57:54,403: INFO - payloadId: xmlpayload@minder == type: application/xml.
2019-08-08 12:57:54,408: INFO - <min><der>sample</der></min>
2019-08-08 12:57:54,414: INFO - payloadId: custompayload@minder == type: application/octet-stream.
```

```
2019-08-08 12:57:54,419: INFO - !! Modify me after submission, if you dare!!
2019-08-08 12:57:54,424: INFO - =====
2019-08-08 12:57:54,429: DEBUG - Assign free vars
2019-08-08 12:57:54,434: INFO - > CALL SLOT NULLADAPTER.NULLSLOT
2019-08-08 12:57:54,440: INFO - < SLOT CALLED NULLADAPTER.NULLSLOT
2019-08-08 12:57:54,445: INFO - < Rivet finished sucessfully
2019-08-08 12:57:54,450: INFO - -----

2019-08-08 12:57:54,455: INFO - > RUN RIVET 5
2019-08-08 12:57:54,460: DEBUG - > Wait For Signal:genericAS4Corner1|8.processNotification(esens.wp6.esensMshBackend.MessageNotification)
2019-08-08 12:57:54,557: DEBUG - < Signal Arrived: genericAS4Corner1|8.processNotification(esens.wp6.esensMshBackend.MessageNotification)
2019-08-08 12:57:54,566: INFO - =====
2019-08-08 12:57:54,572: INFO - Corner1 backend NOTIFICATION
2019-08-08 12:57:54,577: INFO - status :Receipt
2019-08-08 12:57:54,582: INFO - messageId: 4212058b-1706-4ca9-bf51-ef6bca3a23c7@mindertestbed.org
2019-08-08 12:57:54,589: INFO - shortDescription: null
2019-08-08 12:57:54,594: INFO - descriptionnull
2019-08-08 12:57:54,599: INFO - =====
2019-08-08 12:57:54,606: DEBUG - Assign free vars
2019-08-08 12:57:54,611: INFO - > CALL SLOT NULLADAPTER.NULLSLOT
2019-08-08 12:57:54,616: INFO - < SLOT CALLED NULLADAPTER.NULLSLOT
2019-08-08 12:57:54,621: INFO - < Rivet finished sucessfully
2019-08-08 12:57:54,626: INFO - -----

2019-08-08 12:57:54,632: INFO - Test #29788 Finished
```

Test Report - AS4_CP_TA35

Overview

Test Group:	AS4 Common Profile Test Assertions
Test Assertion:	AS4_CP_TA35
Test Case:	AS4_CP_TA35_TC01
User:	ROOT
Date:	2019.08.08 12:57:55
System(s) Tested:	1- Phase4

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

Test Assertion Details

TAID:	AS4_CP_TA35
Target:	Message level security
Normative Source:	[eDelivery-AS4] "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">• SSMH and RSMH are configured to exchange AS4 messages according to the eDelivery AS4 profile (One-Way/Push MEP).• Producer submits a message with metadata information and a payload to the SSMH.• Simulated SSMH sends a signed AS4 User Message with a signed then compressed payload to the RSMH.
Predicate:	The SSMH receives a WS-Security SOAP Fault.
Variables:	
Tag:	Encryption/Signing Compression

Log

```
2019-08-08 12:57:56,940: INFO - Minder version v2.3.0
2019-08-08 12:57:56,945: INFO - Start Test
2019-08-08 12:57:56,951: INFO - Initialize test case
2019-08-08 12:57:56,958: DEBUG - Parameters
2019-08-08 12:57:56,964: DEBUG - Corner2:phoss-c2
Corner3:phoss-c3
2019-08-08 12:57:56,969: INFO - > Initialize the Adapters
2019-08-08 12:57:56,974: INFO - Call start test on NULLADAPTER
2019-08-08 12:57:56,979: INFO - Obtain SUT Identifiers from NULLADAPTER
2019-08-08 12:57:56,985: INFO - Call start test on as4-adapter
2019-08-08 12:57:56,992: INFO - Obtain SUT Identifiers from as4-adapter
2019-08-08 12:57:56,997: INFO - System Under Test: Phase4
2019-08-08 12:57:57,002: INFO - System Under Test: Phase4
2019-08-08 12:57:57,008: INFO - Call start test on genericAS4Corner1
2019-08-08 12:57:57,013: INFO - Obtain SUT Identifiers from genericAS4Corner1
2019-08-08 12:57:57,019: INFO - > RUN RIVET 0
2019-08-08 12:57:57,024: DEBUG - Assign free vars
2019-08-08 12:57:57,030: INFO - =====
2019-08-08 12:57:57,035: INFO - Corner 2 phoss-c2
2019-08-08 12:57:57,041: INFO - Corner 3 phoss-c3
2019-08-08 12:57:57,046: INFO - =====
2019-08-08 12:57:57,071: INFO - > CALL SLOT NULLADAPTER.NULLSLOT
2019-08-08 12:57:57,076: INFO - < SLOT CALLED NULLADAPTER.NULLSLOT
2019-08-08 12:57:57,081: INFO - < Rivet finished sucessfully
2019-08-08 12:57:57,087: INFO - -----

2019-08-08 12:57:57,092: INFO - > RUN RIVET 1
2019-08-08 12:57:57,097: DEBUG - Assign free vars
2019-08-08 12:57:57,102: INFO - > CALL SLOT genericAS4Corner1|8.submitMessage(esens.wp6.esensMshBackend.SubmissionData)
2019-08-08 12:57:57,387: INFO - < SLOT CALLED genericAS4Corner1|8.submitMessage(esens.wp6.esensMshBackend.SubmissionData)
2019-08-08 12:57:57,393: INFO - < Rivet finished sucessfully
2019-08-08 12:57:57,398: INFO - -----

2019-08-08 12:57:57,403: INFO - > RUN RIVET 2
2019-08-08 12:57:57,408: DEBUG - > Wait For Signal:as4-adapter|8.messageReceived(byte[])
2019-08-08 12:57:58,421: DEBUG - < Signal Arrived: as4-adapter|8.messageReceived(byte[])
2019-08-08 12:57:58,428: INFO - =====
2019-08-08 12:57:58,433: INFO - C2 AS4 Message:
2019-08-08 12:57:58,440: INFO - <?xml version="1.0" encoding="UTF-8"?>
<eb:Messaging xmlns:eb="http://docs.oasis-open.org/ebxml-msg/ebms/v3.0/ns/core/200704/"
xmlns:S11="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:ebbp="http://docs.oasis-open.org/ebxml-bp/ebbp-signals-2.0"
xmlns:S12="http://www.w3.org/2003/05/soap-envelope"
xmlns:wsu="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-wssecurity-utility-1.0.xsd"
xmlns:ds="http://www.w3.org/2000/09/xmldsig#"
xmlns:xlink="http://www.w3.org/1999/xlink"
S12:mustUnderstand="true"
wsu:Id="phase4-msg-f086c03c-ce10-4d93-aba9-7dec6b86e1d2">
<eb:UserMessage>
<eb:MessageInfo>
<eb:Timestamp>2019-08-08T12:58:03.314</eb:Timestamp>
<eb:MessageId>08bc42e7-150b-43db-b5f6-212322f748b6@minderbed.org</eb:MessageId>
</eb:MessageInfo>
<eb:PartyInfo>
<eb:From>
<eb:PartyId>phoss-c2</eb:PartyId>
<eb:Role>http://www.esens.eu/as4/conformancetest/sut</eb:Role>
</eb:From>
<eb:To>
<eb:PartyId>phoss-c3</eb:PartyId>
<eb:Role>http://docs.oasis-open.org/ebxml-msg/ebms/v3.0/ns/core/200704/responder</eb:Role>
</eb:To>
</eb:PartyInfo>
<eb:CollaborationInfo>
<eb:AgreementRef pmode="phoss-c2-phoss-c3">urn:as4:agreement</eb:AgreementRef>
<eb:Service>SRV_ONEWAY_SIGNONLY</eb:Service>
<eb:Action>ACT_ONEWAY_SIGNONLY</eb:Action>
<eb:ConversationId>239115</eb:ConversationId>
</eb:CollaborationInfo>
<eb:MessageProperties>
<eb:Property name="originalSender">C1</eb:Property>
<eb:Property name="finalRecipient">C4</eb:Property>
</eb:MessageProperties>
<eb:PayloadInfo>
<eb:PartInfo href="cid:xmlpayload@minder">
<eb:PartProperties>
<eb:Property name="MimeType">application/xml</eb:Property>
<eb:Property name="CharacterSet">ISO-8859-1</eb:Property>
<eb:Property name="CompressionType">application/gzip</eb:Property>
</eb:PartProperties>
</eb:PartInfo>
<eb:PartInfo href="cid:custompayload@minder">
<eb:PartProperties>
<eb:Property name="MimeType">application/octet-stream</eb:Property>
<eb:Property name="CharacterSet">ISO-8859-1</eb:Property>
<eb:Property name="CompressionType">application/gzip</eb:Property>
</eb:PartProperties>
</eb:PartInfo>
</eb:PayloadInfo>
</eb:UserMessage>
</eb:Messaging>
2019-08-08 12:57:58,445: INFO - =====
2019-08-08 12:57:58,450: INFO - C2 AS4 Security Header:
2019-08-08 12:57:58,456: INFO - <?xml version="1.0" encoding="UTF-8"?>
<wsse:Security xmlns:wsse="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-wssecurity-secext-1.0.xsd"
xmlns:S12="http://www.w3.org/2003/05/soap-envelope"
xmlns:wsu="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-wssecurity-utility-1.0.xsd"
S12:mustUnderstand="true">
<wsse:BinarySecurityToken EncodingType="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-soap-message-security-1.0#Base64Binary"
```

```
ValueType="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-x509-token-profile-1.0#X509v3"
wsu:Id="#X509-366a287b-5755-4b85-83d1-906a7fa87a6a">
<!--MIIIDzCCAl+gAwIBAgIEWYzEPjANBgkqhkiG9w0BAQsFADBBMQswCQYDVQQGEwJFVTERMA8GA1UECBMlcGhvcs3MtYzlxETAPBgNVBACtCHBob3NzLWMyMREwDwYDVQQKEWhwaG9zcyc1jMjERMA8GA1UECXMlcGhvcs3MtYzlxETAPBgNVBAMTCHBob3NzLWMyMREwDwYDVQQDEWhwaG9zcyc1jMjERMA8GA1UEChMlcGhvcs3MtYzlxETAPBgNVBAsTCHBob3NzLWMyMREwDwYDVQQDEWhwaG9zcyc1jMjERMA8GA1UECmEwDwYDVQQAQcgcggEBAlI2bKxvzxZUZyRmsdJqDqWdQrSCA0fRV7z6eQNjpL6PH7OUOjaErf//sDz5oHMTT/YbAqk9Zpqifkb05ZrnNBkaONLC/TMXq8pcZP2lKyO6p05Y27ZklpuWVo8+xttYTk+QGWOAZkeOU3ZW7eUUnLOspuMaZ4PLuSf54oljGoUBWYR6JPuUalWbCK7+irDN95F4soCYAgqP3jlwalWiJmJHCZ4dqNk2S3ev3D5/chxmEapXBFffQoXoNko047XqGL5U2gqNKwUIOeCVlw+1CJKAAGCJzwfEIIM1i+FSPQ0PbvZ2zJgXJleoZY57lpIV1Cv8736Q++cekCtDaq93cCAweAAAmhMB8wHQYDVR0BBYEFDWvAD19aj0iOrgyeV5lrkkdqgyOYMAOGCSGSib3DQEBCwUA4IBAQB+9+ci0FGG3un06F8KdsAcnx+a8Ra0SUQpmYuXBfGwxjUn/7IUANARxoo1KUa1dLYRt9GMjJeIP/hZmtaSpTyChSuB1I9rNauTI1N8rVVkk3mEarFyBOenPhvSUBntJaTdwyUVqeLDXIKJEhcVvHbUiCaRswPGOPUUF7/1L7JBTHStB3RPCi8kDi2kCQzBWVMsb83aUrQ/+fj84JC1xsQMWFIIQXaOmQrmTNTQ5gHCkJtIOpKpx88YKWHLh+/Vx5yV7nGiIF+gz7OpeFRkq1ocU3BZLYti8GT29j0z9i966ZC5pRknllvw7amHIZIUGFPoiWJm3zHu8J9P6m7d4/</wsse:BinarySecurityToken>
<ds:Signature xmlns:ds="http://www.w3.org/2000/09/xmldsig#"
Id="#SIG-f917f35d-f4fe-4894-9f43-41e878ad1bc4">
<ds:SignedInfo>
<ds:CanonicalizationMethod Algorithm="http://www.w3.org/2001/10/xml-exc-c14n#">
<ec:InclusiveNamespaces xmlns:ec="http://www.w3.org/2001/10/xml-exc-c14n#" PrefixList="#S12"/>
</ds:CanonicalizationMethod>
<ds:SignatureMethod Algorithm="http://www.w3.org/2001/04/xmldsig-more#rsa-sha256"/>
<ds:Reference URI="#phase4-msg-f086c03c-ce10-4d93-aba9-7dec6b86e1d2">
<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>V+/P48aQXj3Bv+cqzqieTWiCK1HgypKoxIHxK5UZLE=</ds:DigestValue>
</ds:Reference>
<ds:Reference URI="#id-abafa833-1b76-4412-a091-3cdf4c923355">
<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>r7F0bT9j8bvrQftTFGDHXQnbB18eZXMsICRSuybOo=</ds:DigestValue>
</ds:Reference>
<ds:Reference URI="cid:xmldata@minder">
<ds:Transforms>
<ds:Transform Algorithm="http://docs.oasis-open.org/wss/oasis-wss-SwAProfile-1.1#Attachment-Content-Signature-Transform"/>
</ds:Transforms>
<ds>DigestMethod Algorithm="http://www.w3.org/2001/04/xmenc#sha256"/>
<ds>DigestValue>yqDt8JU9CgV+e+tbFUO3wVj/811CUMDvel8LPJ14no=</ds:DigestValue>
</ds:Reference>
<ds:Reference URI="cid:custompayload@minder">
<ds:Transforms>
<ds:Transform Algorithm="http://docs.oasis-open.org/wss/oasis-wss-SwAProfile-1.1#Attachment-Content-Signature-Transform"/>
</ds:Transforms>
<ds>DigestMethod Algorithm="http://www.w3.org/2001/04/xmenc#sha256"/>
<ds>DigestValue>r7CBjboV5qfQij53dkc1t13rbaTa3dKkqkCR5ankrf0=</ds:DigestValue>
</ds:Reference>
</ds>SignedInfo>
<ds:SignatureValue>J74MqCTMxzAKlh2wJtp029H6L4M6w68t1PCLtItUqAkjF+XsKP5Ork5OSPRVYItlt7LeLqXYG88MJZWqZSOvzANJMJRnpvSeZhVcmryRFaj5zuBb3MB9WsymHBKYP3cyU/g11pl9HKIW2BBUj7-C5WFA/m/Zz6XU+bBnSocQGuej8MLnxNq8bqPtyjfwNeVMoPw2dHCRNLV9Qvc/8kQ3zlmmGoHj1nX/zlnQohColfSpYNbj+GMmqLKgvjhhaN/4v5GEFTMbSTxrlSMvOVVerfXDtbQXehQ06Y76gclOWfUqKlwt47pkUebMWBRuRJ7XMD+zzySaEiWC8wapUw==</ds:SignatureValue>
<ds:KeyInfo Id="#KI-87513ea7-5967-4a5b-ba12-ffdad56d8e71">
<wsse:SecurityTokenReference wsu:Id="#STR-c4edcf54-8be6-40a4-a48e-8ea8de2b0fd5">
<wsse:Reference URI="#X509-366a287b-5755-4b85-83d1-906a7fa87a6a"
ValueType="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-x509-token-profile-1.0#X509v3"/>
</wsse:SecurityTokenReference>
</ds:KeyInfo>
</ds:Signature>
</wsse:Security>
2019-08-08 12:57:58,461: INFO - =====
2019-08-08 12:57:58,468: INFO - Signature Algorithm: http://www.w3.org/2001/04/xmldsig-more#rsa-sha256
2019-08-08 12:57:58,473: INFO - =====
2019-08-08 12:57:58,478: INFO - Hash Algorithm: http://www.w3.org/2001/04/xmenc#sha256
2019-08-08 12:57:58,483: INFO - =====
2019-08-08 12:57:58,493: INFO - Attachments:
2019-08-08 12:57:58,498: INFO - =====
2019-08-08 12:57:58,507: INFO - Attachment ID: <xmldata@minder>, MimeType: application/gzip
2019-08-08 12:57:58,512: INFO - Compressed HEX payload: 1F8B080000000000000000B3C9CDCCB3B349492DB22B4ECC2DC849B5D107B16DF441C2007E6CD3781C000000
2019-08-08 12:57:58,517: INFO - Decompressed Payload: <min><der>sample</der></min>
2019-08-08 12:57:58,522: INFO - =====
2019-08-08 12:57:58,528: INFO - Attachment ID: <custompayload@minder>, MimeType: application/gzip
2019-08-08 12:57:58,533: INFO - Compressed HEX payload:
1F8B080000000000000000535454FC94CAB5AC84D55484C2B492D52282E4DCACD2C2ECECCCFFD351C84C53A8CC2F5548492C4A555404006FDED25E2C000000
2019-08-08 12:57:58,539: INFO - Decompressed Payload: !! Modify me after submission, if you dare!!
2019-08-08 12:57:58,544: INFO - =====
2019-08-08 12:57:58,549: INFO - =====
2019-08-08 12:57:58,567: DEBUG - Assign free vars
2019-08-08 12:57:58,572: INFO - > CALL SLOT as4-adapter[8.sendMessage(byte[])]
2019-08-08 12:57:58,656: INFO - < SLOT CALLED as4-adapter[8.sendMessage(byte[])]
2019-08-08 12:57:58,662: INFO - < Rivet finished successfully
2019-08-08 12:57:58,667: INFO - -----
2019-08-08 12:57:58,672: INFO - > RUN RIVET 3
2019-08-08 12:57:58,677: DEBUG - > Wait For Signal:as4-adapter[8.replyReceived(byte[])]
2019-08-08 12:57:58,682: DEBUG - < Signal Arrived: as4-adapter[8.replyReceived(byte[])]
2019-08-08 12:57:58,688: INFO - =====
2019-08-08 12:57:58,694: INFO - Received Receipt: 1565269078694
2019-08-08 12:57:58,699: INFO - =====
2019-08-08 12:57:58,706: INFO - RECEIPT:
2019-08-08 12:57:58,711: INFO - <?xml version="1.0" encoding="UTF-8"?>
<eb:Messaging xmlns:eb="http://docs.oasis-open.org/ebxml-msg/eBMS/v3.0/ns/core/200704"
xmlns:S11="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:ebbp="http://docs.oasis-open.org/ebxml-bp/ebbp-signals-2.0"
xmlns:S12="http://www.w3.org/2003/05/soap-envelope"
xmlns:wsu="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-wssecore-utility-1.0.xsd"
xmlns:ds="http://www.w3.org/2000/09/xmldsig#"
xmlns:xlink="http://www.w3.org/1999/xlink"
wsu:Id="#phase4-msg-8fb79acf-6dc4-47a9-b0ef-bbe3deaf4d98">
<eb:SignalMessage>
<eb:MessageInfo>
<eb:Timestamp>2019-08-08T12:58:03.699</eb:Timestamp>
<eb:MessageId>45cd784a-ae6a-4e42-b38c-597d07d5d7a3@phase4</eb:MessageId>
<eb:RefToMessageId>08bc42e7-150b-43db-b5f6-212322f748b6@mindentestbed.org</eb:RefToMessageId>
</eb:MessageInfo>
<eb>Error category="Processing"
errorCode="EBMS:0102"
```

```
refToMessageInError="08bc42e7-150b-43db-b5f6-212322f748b6@mindertestbed.org"
severity="failure"
shortDescription="FailedDecryption">
<eb:Description xml:lang="en">FailedDecryption</eb:Description>
<eb:ErrorDetail>The encrypted data reference the Security header intended for the "ebms" SOAP actor could not be decrypted by the Security Module.</eb:ErrorDetail>
</eb>Error>
</eb:SignalMessage>
</eb:Messaging>
2019-08-08 12:57:58,716: INFO - =====
2019-08-08 12:57:58,722: INFO - Error message
2019-08-08 12:57:58,727: 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:S11="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:ebbp="http://docs.oasis-open.org/ebxml-bp/ebbp-signals-2.0"
xmlns:S12="http://www.w3.org/2003/05/soap-envelope"
xmlns:wsu="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-wssecurity-utility-1.0.xsd"
xmlns:ds="http://www.w3.org/2000/09/xmldsig#"
xmlns:xlink="http://www.w3.org/1999/xlink"
category="Processing"
errorCode="EBMS:0102"
refToMessageInError="08bc42e7-150b-43db-b5f6-212322f748b6@mindertestbed.org"
severity="failure"
shortDescription="FailedDecryption">
<eb:Description xml:lang="en">FailedDecryption</eb:Description>
<eb:ErrorDetail>The encrypted data reference the Security header intended for the "ebms" SOAP actor could not be decrypted by the Security Module.</eb:ErrorDetail>
</eb>Error>
2019-08-08 12:57:58,733: INFO - =====
2019-08-08 12:57:58,738: DEBUG - Assign free vars
2019-08-08 12:57:58,743: INFO - > CALL SLOT as4-adapter|8.sendResponse(byte[])
2019-08-08 12:57:58,749: INFO - < SLOT CALLED as4-adapter|8.sendResponse(byte[])
2019-08-08 12:57:58,754: INFO - < Rivet finished sucessfully
2019-08-08 12:57:58,759: INFO - -----

2019-08-08 12:57:58,764: INFO - > RUN RIVET 4
2019-08-08 12:57:58,769: DEBUG - > Wait For Signal:genericAS4Corner1|8.processNotification(esens.wp6.esensMshBackend.MessageNotification)
2019-08-08 12:58:00,051: DEBUG - < Signal Arrived: genericAS4Corner1|8.processNotification(esens.wp6.esensMshBackend.MessageNotification)
2019-08-08 12:58:00,060: INFO - =====
2019-08-08 12:58:00,065: INFO - Corner1 backend NOTIFICATION
2019-08-08 12:58:00,070: INFO - status :Error
2019-08-08 12:58:00,075: INFO - messageId: 08bc42e7-150b-43db-b5f6-212322f748b6@mindertestbed.org
2019-08-08 12:58:00,081: INFO - shortDescription: FailedDecryption
2019-08-08 12:58:00,086: INFO - descriptionnull
2019-08-08 12:58:00,091: INFO - =====
2019-08-08 12:58:00,097: DEBUG - Assign free vars
2019-08-08 12:58:00,102: INFO - > CALL SLOT NULLADAPTER.NULLSLOT
2019-08-08 12:58:00,108: INFO - < SLOT CALLED NULLADAPTER.NULLSLOT
2019-08-08 12:58:00,113: INFO - < Rivet finished sucessfully
2019-08-08 12:58:00,118: INFO - -----

2019-08-08 12:58:00,123: INFO - Test #29789 Finished
```

Test Report - AS4_CP_TA36

Overview

Test Group:	AS4 Common Profile Test Assertions
Test Assertion:	AS4_CP_TA36
Test Case:	AS4_CP_TA36_TC01
User:	ROOT
Date:	2019.08.08 12:58:01
System(s) Tested:	1- Phase4

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

Test Assertion Details

TAID:	AS4_CP_TA36
Target:	Payload encryption
Normative Source:	[eDelivery-AS4] "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">• SSMH and RSMH are configured to exchange AS4 messages according to the eDelivery AS4 profile (One-Way/Push MEP).• Producer submits a message with metadata information and a payload to the SSMH.• The SSMH is simulated to send a compressed then encrypted AS4 message to the RSMH.
Predicate:	The RSMH sends back an AS4 non-repudiation receipt.
Variables:	
Tag:	encryption/Compression

Log

```
2019-08-08 12:58:02,364: INFO - Minder version v2.3.0
2019-08-08 12:58:02,369: INFO - Start Test
2019-08-08 12:58:02,375: INFO - Initialize test case
2019-08-08 12:58:02,383: DEBUG - Parameters
2019-08-08 12:58:02,388: DEBUG - Corner2:phoss-c2
Corner3:phoss-c3
2019-08-08 12:58:02,393: INFO - > Initialize the Adapters
2019-08-08 12:58:02,398: INFO - Call start test on NULLADAPTER
2019-08-08 12:58:02,404: INFO - Obtain SUT Identifiers from NULLADAPTER
2019-08-08 12:58:02,409: INFO - Call start test on as4-adapter
2019-08-08 12:58:02,416: INFO - Obtain SUT Identifiers from as4-adapter
2019-08-08 12:58:02,421: INFO - System Under Test: Phase4
2019-08-08 12:58:02,427: INFO - System Under Test: Phase4
2019-08-08 12:58:02,432: INFO - Call start test on genericAS4Corner4
2019-08-08 12:58:02,438: INFO - Obtain SUT Identifiers from genericAS4Corner4
2019-08-08 12:58:02,443: INFO - Call start test on genericAS4Corner1
2019-08-08 12:58:02,449: INFO - Obtain SUT Identifiers from genericAS4Corner1
2019-08-08 12:58:02,455: INFO - > RUN RIVET 0
2019-08-08 12:58:02,460: DEBUG - Assign free vars
2019-08-08 12:58:02,466: INFO - Corner 2 phoss-c2
2019-08-08 12:58:02,471: INFO - Corner 3 phoss-c3
2019-08-08 12:58:02,496: INFO - > CALL SLOT NULLADAPTER.NULLSLOT
2019-08-08 12:58:02,501: INFO - < SLOT CALLED NULLADAPTER.NULLSLOT
2019-08-08 12:58:02,507: INFO - < Rivet finished sucessfully
2019-08-08 12:58:02,512: INFO - -----

2019-08-08 12:58:02,517: INFO - > RUN RIVET 1
2019-08-08 12:58:02,522: DEBUG - Assign free vars
2019-08-08 12:58:02,527: INFO - > CALL SLOT genericAS4Corner1|8.submitMessage(esens.wp6.esensMshBackend.SubmissionData)
2019-08-08 12:58:02,767: INFO - < SLOT CALLED genericAS4Corner1|8.submitMessage(esens.wp6.esensMshBackend.SubmissionData)
2019-08-08 12:58:02,772: INFO - < Rivet finished sucessfully
2019-08-08 12:58:02,777: INFO - -----

2019-08-08 12:58:02,783: INFO - > RUN RIVET 2
2019-08-08 12:58:02,788: DEBUG - > Wait For Signal:as4-adapter|8.messageReceived(byte[])
2019-08-08 12:58:03,834: DEBUG - < Signal Arrived: as4-adapter|8.messageReceived(byte[])
2019-08-08 12:58:03,840: INFO - =====
2019-08-08 12:58:03,846: INFO - C2 AS4 Message:
2019-08-08 12:58:03,853: INFO - <?xml version="1.0" encoding="UTF-8"?>
<eb:Messaging xmlns:eb="http://docs.oasis-open.org/ebxml-msg/ebms/v3.0/ns/core/200704/"
xmlns:S11="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:ebbp="http://docs.oasis-open.org/ebxml-bp/ebbp-signals-2.0"
xmlns:S12="http://www.w3.org/2003/05/soap-envelope"
xmlns:wsu="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-wssecurity-utility-1.0.xsd"
xmlns:ds="http://www.w3.org/2000/09/xmldsig#"
xmlns:xlink="http://www.w3.org/1999/xlink"
S12:mustUnderstand="true"
wsu:Id="phase4-msg-dbbbf8a-a472-4d4d-a585-c0578d8eec45">
<eb:UserMessage>
<eb:MessageInfo>
<eb:Timestamp>2019-08-08T12:58:08.712</eb:Timestamp>
<eb:MessageId>ffd612a3-58f7-45df-9e1e-544f4632af0b@mindertestbed.org</eb:MessageId>
</eb:MessageInfo>
<eb:PartyInfo>
<eb:From>
<eb:PartyId>phoss-c2</eb:PartyId>
<eb:Role>http://www.esens.eu/as4/conformancetest/sut</eb:Role>
</eb:From>
<eb:To>
<eb:PartyId>phoss-c3</eb:PartyId>
<eb:Role>http://docs.oasis-open.org/ebxml-msg/ebms/v3.0/ns/core/200704/responder</eb:Role>
</eb:To>
</eb:PartyInfo>
<eb:CollaborationInfo>
<eb:AgreementRef pmode="phoss-c2-phoss-c3">urn:as4:agreement</eb:AgreementRef>
<eb:Service>SRV_SIMPLE_ONEWAY</eb:Service>
<eb:Action>ACT_SIMPLE_ONEWAY</eb:Action>
<eb:ConversationId>745772</eb:ConversationId>
</eb:CollaborationInfo>
<eb:MessageProperties>
<eb:Property name="originalSender">C1</eb:Property>
<eb:Property name="finalRecipient">C4</eb:Property>
</eb:MessageProperties>
<eb:PayloadInfo>
<eb:PartInfo href="cid:xmlpayload@minder">
<eb:PartProperties>
<eb:Property name="MimeType">application/xml</eb:Property>
<eb:Property name="CharacterSet">ISO-8859-1</eb:Property>
<eb:Property name="CompressionType">application/gzip</eb:Property>
</eb:PartProperties>
</eb:PartInfo>
<eb:PartInfo href="cid:custompayload@minder">
<eb:PartProperties>
<eb:Property name="MimeType">application/octet-stream</eb:Property>
<eb:Property name="CharacterSet">ISO-8859-1</eb:Property>
<eb:Property name="CompressionType">application/gzip</eb:Property>
</eb:PartProperties>
</eb:PartInfo>
</eb:PayloadInfo>
</eb:UserMessage>
</eb:Messaging>
2019-08-08 12:58:03,858: INFO - =====
2019-08-08 12:58:03,863: INFO - C2 AS4 Security Header:
2019-08-08 12:58:03,869: INFO - <?xml version="1.0" encoding="UTF-8"?>
<wsse:Security xmlns:wsse="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-wssecurity-secext-1.0.xsd"
xmlns:S12="http://www.w3.org/2003/05/soap-envelope"
xmlns:wsu="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-wssecurity-utility-1.0.xsd"
S12:mustUnderstand="true">
<wsse:BinarySecurityToken EncodingType="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-soap-message-security-1.0#Base64Binary"
```


[illegible]

```
<ds:DigestMethod Algorithm="http://www.w3.org/2001/04/xmlenc#sha256"/>
<ds:DigestValue>tdlC/ozKmQZn07fLMQE7J6uLTQmY8L3T/ateJITYCU=</ds:DigestValue>
</ds:Reference>
<ds:Reference 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/xmlenc#sha256"/>
<ds:DigestValue>yqDt8JU9CgV+e+tbFUO3wV/jl811CUMDvel8LpSJ14o=</ds:DigestValue>
</ds:Reference>
<ds:Reference URI="cid:custompayload@minder">
<ds:Transforms>
<ds:Transform Algorithm="http://docs.oasis-open.org/wss/oasis-wss-SwAProfile-1.1#Attachment-Content-Signature-Transform"/>
</ds:Transforms>
<ds:DigestMethod Algorithm="http://www.w3.org/2001/04/xmlenc#sha256"/>
<ds:DigestValue>r7CBJboV5qfQij53dkc1t13rbaTa3dKkqkCR5ankrf0=</ds:DigestValue>
</ds:Reference>
</ds:SignedInfo>
<ds:SignatureValue>EnxfNam8JmJo8g8uBL+iXaaloxy8LR209BY+7DI8zuD6Y7F1PHMnJKynfSNT6tpJLGHslvUjMxiuGOU38fWG1f2fP/PK4OI+9v/0IKVcyEY0imT3XzGTM0isv1pnSipP2
uywpa32UdhTbSioa3KyC8yZxkX8k2q3UrUZRkzMWzybsxLwT07+1NCCCEWa5npuM5SfRnpg8varlvdqJIIFG2HFstZDTWExccCRctcOCNYD+bQUtSVU2q1xti1MplhA6fylsVA5j6FhC70X
8Bb/XD2KEduEZ47kGO8gJoWoHekiEhMehaFwTinjH1YZZZ7eEnDOHDSStEJ2xPh0t+5Q==</ds:SignatureValue>
<ds:KeyInfo Id="KI-4a1d203d-6c4d-4bc9-a697-f54d2f28c89b">
<wsse:SecurityTokenReference wsu:Id="STR-828b4be3-fa80-453a-beb2-7f1d04dccb61">
<wsse:Reference URI="#X509-37f9ec3f-5e04-48b3-944b-c0a96dc07756"
ValueType="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-x509-token-profile-1.0#X509v3"/>
</wsse:SecurityTokenReference>
</ds:KeyInfo>
</ds:Signature>
</wsse:Security>
2019-08-08 12:58:03,874: INFO - =====
2019-08-08 12:58:03,880: INFO - AS4 message id: ffd612a3-58f7-45df-9e1e-544f4632af0b@mindentestbed.org
2019-08-08 12:58:03,885: INFO - =====
2019-08-08 12:58:03,903: INFO - Attachments:
2019-08-08 12:58:03,908: INFO - =====
2019-08-08 12:58:03,916: INFO - Attachment ID: <xmlpayload@minder>, MimeType: application/gzip
2019-08-08 12:58:03,921: INFO - Compressed HEX payload: 1F8B0800000000000000B3C9CDCCB3B349492DB22B4ECC2DC849B5D107B16DF441C2007E6CD3781C000000
2019-08-08 12:58:03,927: INFO - Decompressed Payload: <min><der>sample</der></min>
2019-08-08 12:58:03,932: INFO -
2019-08-08 12:58:03,937: INFO - =====
2019-08-08 12:58:03,943: INFO - Attachment ID: <custompayload@minder>, MimeType: application/gzip
2019-08-08 12:58:03,948: INFO - Compressed HEX payload:
1F8B08000000000000000535454F0CD4FC94CAB54C84D55484C2B492D552282E4DCACD2C2ECECCCFD351C84C53A8CC2F5548492C4A555404006FDED25E2C000000
2019-08-08 12:58:03,953: INFO - Decompressed Payload: !! Modify me after submission, if you dare!!
2019-08-08 12:58:03,959: INFO -
2019-08-08 12:58:03,964: INFO - =====
2019-08-08 12:58:03,969: INFO - =====
2019-08-08 12:58:03,975: INFO - Forward message to the other side: 1565269083975
2019-08-08 12:58:03,981: INFO - =====
2019-08-08 12:58:03,986: DEBUG - Assign free vars
2019-08-08 12:58:03,991: INFO - > CALL SLOT as4-adapter[8.sendMessage(byte[])]
2019-08-08 12:58:04,138: INFO - < SLOT CALLED as4-adapter[8.sendMessage(byte[])]
2019-08-08 12:58:04,143: INFO - < Rivet finished sucessfully
2019-08-08 12:58:04,148: INFO - -----
2019-08-08 12:58:04,153: INFO - > RUN RIVET 3
2019-08-08 12:58:04,159: DEBUG - > Wait For Signal:as4-adapter[8.replyReceived(byte[])]
2019-08-08 12:58:04,164: DEBUG - < Signal Arrived: as4-adapter[8.replyReceived(byte[])]
2019-08-08 12:58:04,170: INFO - =====
2019-08-08 12:58:04,175: INFO - Received the Receipt: 1565269084175
2019-08-08 12:58:04,180: INFO - =====
2019-08-08 12:58:04,185: INFO - RECEIPT:
2019-08-08 12:58:04,192: INFO - <?xml version="1.0" encoding="UTF-8"?>
<eb:Messaging xmlns:eb="http://docs.oasis-open.org/ebxml-msg/ebms/v3.0/ns/core/200704/"
xmlns:S11="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:ebbp="http://docs.oasis-open.org/ebxml-bp/ebbp-signals-2.0"
xmlns:S12="http://www.w3.org/2003/05/soap-envelope"
xmlns:wsu="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-wssecurity-utility-1.0.xsd"
xmlns:ds="http://www.w3.org/2000/09/xmldsig#"
xmlns:xlink="http://www.w3.org/1999/xlink"
S12:mustUnderstand="true"
wsu:Id="phase4-msg-aba58f27-bab6-42dc-8fc3-d99c15fb3383">
<eb:SignalMessage>
<eb:MessageInfo>
<eb:Timestamp>2019-08-08T12:58:09.167</eb:Timestamp>
<eb:MessageId>3caf336f-baeb-4bfe-b6e0-ed135cccad7@phase4</eb:MessageId>
<eb:RefToMessageId>ffd612a3-58f7-45df-9e1e-544f4632af0b@mindentestbed.org</eb:RefToMessageId>
</eb:MessageInfo>
<eb:Receipt>
<ebbp:NonRepudiationInformation>
<ebbp:MessagePartNRInformation>
<ds:Reference URI="#phase4-msg-dbbbf8a-a472-4d4d-a585-c0578d8eec45">
<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>CqJnngsvgtDhANCGM3aDB7qacXohXvAB7HTtYDNqzA=</ds:DigestValue>
</ds:Reference>
</ebbp:MessagePartNRInformation>
<ebbp:MessagePartNRInformation>
<ds:Reference URI="#id-10d6a37e-a06e-4cb8-a703-2d0a80fa81be">
<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>tdlC/ozKmQZn07fLMQE7J6uLTQmY8L3T/ateJITYCU=</ds:DigestValue>
</ds:Reference>
</ebbp:MessagePartNRInformation>
<ebbp:MessagePartNRInformation>
<ds:Reference 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/xmlenc#sha256"/>
<ds:DigestValue>yqDt8JU9CgV+e+tbFUO3wV/jl811CUMDvel8LpSJ14o=</ds:DigestValue>
</ds:Reference>
```

```
</ebbp:MessagePartNRInformation>
<ebbp:MessagePartNRInformation>
<ds:Reference URI="cid:custompayload@minder">
<ds:Transforms>
<ds:Transform Algorithm="http://docs.oasis-open.org/wss/oasis-wss-SwAPProfile-1.1#Attachment-Content-Signature-Transform"/>
</ds:Transforms>
<ds:DigestMethod Algorithm="http://www.w3.org/2001/04/xmlenc#sha256"/>
<ds:DigestValue>r7CJBov5qfQij53dkc1t13rbaTa3dKkqkCR5ankrf0=</ds:DigestValue>
</ds:Reference>
</ebbp:MessagePartNRInformation>
</ebbp:NonRepudiationInformation>
</eb:Receipt>
</eb:SignalMessage>
</eb:Messaging>
2019-08-08 12:58:04,197: INFO - =====
2019-08-08 12:58:04,203: DEBUG - Assign free vars
2019-08-08 12:58:04,208: INFO - > CALL SLOT as4-adapter|8.sendResponse(byte[])
2019-08-08 12:58:04,214: INFO - < SLOT CALLED as4-adapter|8.sendResponse(byte[])
2019-08-08 12:58:04,219: INFO - < Rivet finished sucessfully
2019-08-08 12:58:04,225: INFO - -----

2019-08-08 12:58:04,230: INFO - > RUN RIVET 4
2019-08-08 12:58:04,235: DEBUG - > Wait For Signal:genericAS4Corner4|8.receiveMessage(esens.wp6.esensMshBackend.SubmissionData)
2019-08-08 12:58:05,319: DEBUG - < Signal Arrived: genericAS4Corner4|8.receiveMessage(esens.wp6.esensMshBackend.SubmissionData)
2019-08-08 12:58:05,328: INFO - =====
2019-08-08 12:58:05,333: INFO - Corner4 Received Payloads:
2019-08-08 12:58:05,339: INFO - Data
2019-08-08 12:58:05,344: INFO - originalSender: C1
2019-08-08 12:58:05,349: INFO - finalRecipient: C4
2019-08-08 12:58:05,354: INFO - refToMessageld: null
2019-08-08 12:58:05,360: INFO - conversationId: 745772
2019-08-08 12:58:05,365: INFO - messageld: ffd612a3-58f7-45df-9e1e-544f4632af0b@mindertestbed.org
2019-08-08 12:58:05,370: INFO - to: Minder
2019-08-08 12:58:05,375: INFO - from: null
2019-08-08 12:58:05,380: INFO - pModeld: null
2019-08-08 12:58:05,386: INFO - =====
2019-08-08 12:58:05,392: INFO - payloadId: xmlpayload@minder == type: application/xml.
2019-08-08 12:58:05,397: INFO - <min><der>sample</der></min>
2019-08-08 12:58:05,403: INFO - payloadId: custompayload@minder == type: application/octet-stream.
2019-08-08 12:58:05,408: INFO - !! Modify me after submission, if you dare!!
2019-08-08 12:58:05,413: INFO - =====
2019-08-08 12:58:05,418: DEBUG - Assign free vars
2019-08-08 12:58:05,423: INFO - > CALL SLOT NULLADAPTER.NULLSLOT
2019-08-08 12:58:05,429: INFO - < SLOT CALLED NULLADAPTER.NULLSLOT
2019-08-08 12:58:05,434: INFO - < Rivet finished sucessfully
2019-08-08 12:58:05,439: INFO - -----

2019-08-08 12:58:05,444: INFO - > RUN RIVET 5
2019-08-08 12:58:05,449: DEBUG - > Wait For Signal:genericAS4Corner1|8.processNotification(esens.wp6.esensMshBackend.MessageNotification)
2019-08-08 12:58:05,532: DEBUG - < Signal Arrived: genericAS4Corner1|8.processNotification(esens.wp6.esensMshBackend.MessageNotification)
2019-08-08 12:58:05,541: INFO - =====
2019-08-08 12:58:05,546: INFO - Corner1 backend NOTIFICATION
2019-08-08 12:58:05,551: INFO - status :Receipt
2019-08-08 12:58:05,560: INFO - messageld: ffd612a3-58f7-45df-9e1e-544f4632af0b@mindertestbed.org
2019-08-08 12:58:05,565: INFO - shortDescription: null
2019-08-08 12:58:05,570: INFO - descriptionnull
2019-08-08 12:58:05,575: INFO - =====
2019-08-08 12:58:05,582: DEBUG - Assign free vars
2019-08-08 12:58:05,587: INFO - > CALL SLOT NULLADAPTER.NULLSLOT
2019-08-08 12:58:05,592: INFO - < SLOT CALLED NULLADAPTER.NULLSLOT
2019-08-08 12:58:05,597: INFO - < Rivet finished sucessfully
2019-08-08 12:58:05,603: INFO - -----

2019-08-08 12:58:05,608: INFO - Test #29790 Finished
```

Test Report - AS4_CP_TA37

Overview

Test Group:	AS4 Common Profile Test Assertions
Test Assertion:	AS4_CP_TA37
Test Case:	AS4_CP_TA37_TC01
User:	ROOT
Date:	2019.08.08 12:58:06
System(s) Tested:	1- Phase4

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

Test Assertion Details

TAID:	AS4_CP_TA37
Target:	Message level security
Normative Source:	[eDelivery-AS4] "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">• SSMH and RSMH are configured to exchange AS4 messages according to the eDelivery AS4 profile (One-Way/Push MEP).• Producer submits a message with metadata information and a payload to the SSMH.• Simulated SSMH sends a signed AS4 User Message with an encrypted first, then compressed payload to the RSMH.
Predicate:	The SSMH receives a WS-Security SOAP Fault.
Variables:	
Tag:	Encryption/Signing Compression

```
2019-08-08 12:58:07,972: INFO - Minder version v2.3.0
2019-08-08 12:58:07,977: INFO - Start Test
2019-08-08 12:58:07,982: INFO - Initialize test case
2019-08-08 12:58:07,990: DEBUG - Parameters
2019-08-08 12:58:07,995: DEBUG - Corner2:phoss-c2
Corner3:phoss-c3
2019-08-08 12:58:08,001: INFO - > Initialize the Adapters
2019-08-08 12:58:08,006: INFO - Call start test on NULLADAPTER
2019-08-08 12:58:08,011: INFO - Obtain SUT Identifiers from NULLADAPTER
2019-08-08 12:58:08,016: INFO - Call start test on as4-adapter
2019-08-08 12:58:08,023: INFO - Obtain SUT Identifiers from as4-adapter
2019-08-08 12:58:08,028: INFO - System Under Test: Phase4
2019-08-08 12:58:08,033: INFO - System Under Test: Phase4
2019-08-08 12:58:08,039: INFO - Call start test on genericAS4Corner1
2019-08-08 12:58:08,045: INFO - Obtain SUT Identifiers from genericAS4Corner1
2019-08-08 12:58:08,050: INFO - > RUN RIVET 0
2019-08-08 12:58:08,056: DEBUG - Assign free vars
2019-08-08 12:58:08,061: INFO - =====
2019-08-08 12:58:08,067: INFO - Corner 2 phoss-c2
2019-08-08 12:58:08,072: INFO - Corner 3 phoss-c3
2019-08-08 12:58:08,077: INFO - =====
2019-08-08 12:58:08,102: INFO - > CALL SLOT NULLADAPTER.NULLSLOT
2019-08-08 12:58:08,107: INFO - < SLOT CALLED NULLADAPTER.NULLSLOT
2019-08-08 12:58:08,113: INFO - < Rivet finished sucessfully
2019-08-08 12:58:08,118: INFO - -----

2019-08-08 12:58:08,123: INFO - > RUN RIVET 1
2019-08-08 12:58:08,128: DEBUG - Assign free vars
2019-08-08 12:58:08,134: INFO - > CALL SLOT genericAS4Corner1|8.submitMessage(esens.wp6.esensMshBackend.SubmissionData)
2019-08-08 12:58:08,339: INFO - < SLOT CALLED genericAS4Corner1|8.submitMessage(esens.wp6.esensMshBackend.SubmissionData)
2019-08-08 12:58:08,344: INFO - < Rivet finished sucessfully
2019-08-08 12:58:08,349: INFO - -----

2019-08-08 12:58:08,355: INFO - > RUN RIVET 2
2019-08-08 12:58:08,360: DEBUG - > Wait For Signal:as4-adapter|8.messageReceived(byte[])
2019-08-08 12:58:09,430: DEBUG - < Signal Arrived: as4-adapter|8.messageReceived(byte[])
2019-08-08 12:58:09,436: INFO - =====
2019-08-08 12:58:09,441: INFO - C2 AS4 Message:
2019-08-08 12:58:09,448: INFO - <?xml version="1.0" encoding="UTF-8"?>
<eb:Messaging xmlns:eb="http://docs.oasis-open.org/ebxml-msg/ebms/v3.0/ns/core/200704/"
xmlns:S11="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:ebbp="http://docs.oasis-open.org/ebxml-bp/ebbp-signals-2.0"
xmlns:S12="http://www.w3.org/2003/05/soap-envelope"
xmlns:wsu="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-wssecurity-utility-1.0.xsd"
xmlns:ds="http://www.w3.org/2000/09/xmldsig#"
xmlns:xlink="http://www.w3.org/1999/xlink"
S12:mustUnderstand="true"
wsu:Id="phase4-msg-4d609683-775b-4cdd-a706-9b2f65ea16c7">
<eb:UserMessage>
<eb:MessageInfo>
<eb:Timestamp>2019-08-08T12:58:14.317</eb:Timestamp>
<eb:MessageId>f1d5b906-5d4d-4ed2-a1a7-5d23edd76d1d@mindertestbed.org</eb:MessageId>
</eb:MessageInfo>
<eb:PartyInfo>
<eb:From>
<eb:PartyId>phoss-c2</eb:PartyId>
<eb:Role>http://www.esens.eu/as4/conformancetest/sut</eb:Role>
</eb:From>
<eb:To>
<eb:PartyId>phoss-c3</eb:PartyId>
<eb:Role>http://docs.oasis-open.org/ebxml-msg/ebms/v3.0/ns/core/200704/responder</eb:Role>
</eb:To>
</eb:PartyInfo>
<eb:CollaborationInfo>
<eb:AgreementRef pmode="phoss-c2-phoss-c3">urn:as4:agreement</eb:AgreementRef>
<eb:Service>SRV_SIMPLE_ONEWAY</eb:Service>
<eb:Action>ACT_SIMPLE_ONEWAY</eb:Action>
<eb:ConversationId>998098</eb:ConversationId>
</eb:CollaborationInfo>
<eb:MessageProperties>
<eb:Property name="originalSender">C1</eb:Property>
<eb:Property name="finalRecipient">C4</eb:Property>
</eb:MessageProperties>
<eb:PayloadInfo>
<eb:PartInfo href="cid:xmlpayload@minder">
<eb:PartProperties>
<eb:Property name="MimeType">application/xml</eb:Property>
<eb:Property name="CharacterSet">ISO-8859-1</eb:Property>
<eb:Property name="CompressionType">application/gzip</eb:Property>
</eb:PartProperties>
</eb:PartInfo>
</eb:PayloadInfo>
</eb:UserMessage>
</eb:Messaging>
2019-08-08 12:58:09,454: INFO - =====
2019-08-08 12:58:09,459: INFO - C2 AS4 Security Header:
2019-08-08 12:58:09,465: INFO - <?xml version="1.0" encoding="UTF-8"?>
<wsse:Security xmlns:wsse="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-wssecurity-secext-1.0.xsd"
xmlns:S12="http://www.w3.org/2003/05/soap-envelope"
xmlns:wsu="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-wssecurity-utility-1.0.xsd"
S12:mustUnderstand="true">
<wsse:BinarySecurityToken EncodingType="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-soap-message-security-1.0#Base64Binary"
ValueType="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-x509-token-profile-1.0#X509v3"
wsu:Id="G8563ebec-53a2-42db-a9df-
e88b753f9980">MIIDdzCCA1+gAwIBAgIEa5bQAJANBgkqhkiG9w0BAQsFADBsMQswCQYDVQQGEwJFVTERMA8GA1UECBMlcGhvc3MtYzYxMjE0MzUyMFoXDTE5MDYyMjE0MzUyMFowDQYJKoZIhvcNAQEBBQADggEPADCCAQoCggEBAJrgRWo9a7DIX0yH+0ACnX8hUbbtCHluisdeucPI2fnfWh8XorPka5rSIRJb61bU6AC/pNFK3EdtlhPxFs5AjlzJ6c5U8okM
36R8JZdry5hf0tGqRlnTBXNgaE2xqvdrJhZiPZHpuNye7sRgAyd2kFVWRuXaq8uAD23DBG9X1r8dDscSAPnrUx4LF8S1qqrwSbtK0OU1fykoADsoDZhxrkVc3oDHEMMMM4klOb9/GWmFcH
```

```
AzG5UjYiP5G2lJwCRDI4c3/AjOMIMWzeWDvUfXpv2doQ11Aua9L3bb1py7DDvAbtvASwLk5QJqfVX0u3Fxo5BkkeloF5TH4n0RmLKOAYcCAwEAaMhMB8wHQYDVR0OBByEFPZzbvaU9
/2QALJgMqCkISgdSxG/MA0GCSqGSIb3DQEBQwUAA4IBAQBHGWsgC7vPMYru8b4Cgv3E3YeXIUPDYn3jOBdZJevBhSIFPjdZ7IbP1EGcB8yIXD0d6/awTbiX2+P+od3q+4/ZuB2ktGJSdr
51lQrM/DhaJo/3GL7GcmSASWG3YjffX1/Yu6Voga/sZymfIVrnatHuD1YG4c6Zbf5P3vw0xVHTtTFd8B8Zp9mKPKPJ3m2sOfii2JODzAgoTfGeZaXHPVU58bQ+KiZ8EvZvPoPiXty4aUlx4d
ILSEGHdQpfO6vVLBYM43DUwFob4i9l/yb6iZkAc3GSZIDkZsvTmbUe2QN+sMqp3VrPL3fMU9ig182UqlDHCmgx17/haJji+</wsse:BinarySecurityToken>
<xenc:EncryptedKey xmlns:xenc="http://www.w3.org/2001/04/xmenc#"
Id="EK-2584c138-af99-47bf-acb3-a25b0636dddc">
<xenc:EncryptionMethod Algorithm="http://www.w3.org/2009/xmenc11#rsa-oaep">
<ds:DigestMethod xmlns:ds="http://www.w3.org/2000/09/xmldsig#"
Algorithm="http://www.w3.org/2001/04/xmenc#sha256"/>
<xenc11:MGF xmlns:xenc11="http://www.w3.org/2009/xmenc11#"
Algorithm="http://www.w3.org/2009/xmenc11#mgf1sha256"/>
</xenc:EncryptionMethod>
<ds:KeyInfo xmlns:ds="http://www.w3.org/2000/09/xmldsig#">
<wsse:SecurityTokenReference>
<wsse:Reference URI="#G8563ebec-53a2-42db-a9df-e88b753f9980"
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>QPSyfldEAGCQw4LrpnYli1DV5QWn39nLrOB0LDmf7yOztSW1R4FkGmEQurXCEBOOI7z3T1Z9hshK5JEoAqg61dM3RtwU7igDKQA+Snt5ayyU2aW9JBCon6h0M
FqzyPJ7fjCooVumnpgeTTYkFQI3RN54RAxkRgyD4hTiVc+EHUMC2cyIRDtf5V6e1oGPcTon5lrrH3P07qVNB51KAlnAhcArK0zCF9lpky3D80D3+R8qa/FS6f//eEc45Ai93fPhXzxfCKQ/hWD
5+ePG1pLgOoL64yxmS+n63wxyDRq5K4xHL2eSiYH3Kk7yZ7OSy93OYeaIqfZ9dqucPg80KRWQ==</xenc:CipherValue>
</xenc:CipherData>
<xenc:ReferenceList>
<xenc:DataReference URI="#ED-3f8614ac-5258-4b70-aedb-062002497128"/>
</xenc:ReferenceList>
<xenc:EncryptedKey>
<xenc:EncryptedData xmlns:xenc="http://www.w3.org/2001/04/xmenc#"
Id="ED-3f8614ac-5258-4b70-aedb-062002497128"
MimeType="application/gzip"
Type="http://docs.oasis-open.org/wss/oasis-wss-SwAProfile-1.1#Attachment-Content-Only">
<xenc:EncryptionMethod Algorithm="http://www.w3.org/2009/xmenc11#aes128-gcm"/>
<ds:KeyInfo xmlns:ds="http://www.w3.org/2000/09/xmldsig#">
<wsse:SecurityTokenReference xmlns:wsse11="http://docs.oasis-open.org/wss/oasis-wss-wssecurity-secext-1.1.xsd"
wsse11:TokenType="http://docs.oasis-open.org/wss/oasis-wss-soap-message-security-1.1#EncryptedKey">
<wsse:Reference URI="#EK-2584c138-af99-47bf-acb3-a25b0636dddc"/>
</wsse:SecurityTokenReference>
</ds:KeyInfo>
<xenc:CipherData>
<xenc:CipherReference URI="cid:xmldata@minder">
<xenc:Transforms>
<ds:Transform xmlns:ds="http://www.w3.org/2000/09/xmldsig#"
Algorithm="http://docs.oasis-open.org/wss/oasis-wss-SwAProfile-1.1#Attachment-Ciphertext-Transform"/>
</ds:Transforms>
</xenc:CipherReference>
</xenc:CipherData>
<xenc:EncryptedData>
<wsse:BinarySecurityToken EncodingType="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-soap-message-security-1.0#Base64Binary"
ValueType="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-x509-token-profile-1.0#X509v3"
wsu:Id="X509-555f76ca-33bd-48de-8a3c-1e82dd43eabe">
<ds:Signature xmlns:ds="http://www.w3.org/2000/09/xmldsig#"
Id="SIG-1ac60345-237b-4e4e-a9c4-4b2a138aafc6">
<ds:SignedInfo>
<ds:CanonicalizationMethod Algorithm="http://www.w3.org/2001/10/xml-exc-c14n#">
<ec:InclusiveNamespaces xmlns:ec="http://www.w3.org/2001/10/xml-exc-c14n#" PrefixList="S12"/>
</ds:CanonicalizationMethod>
<ds:SignatureMethod Algorithm="http://www.w3.org/2001/04/xmldsig-more#rsa-sha256"/>
<ds:Reference URI="#phase4-msg-4d609683-775b-4cdd-a706-9b2f65ea16c7">
<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>tCoboQRZsOcR3h/JQTJwHrJ+XOW/d6OGnKAmxD0P+E=</ds:DigestValue>
</ds:Reference>
<ds:Reference URI="#id-9c3107cf-728a-41db-a85b-fe26e9a314fd">
<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>AVIo+DtfmxM+I5kPZimfdZvmu4Gal+yGblp1KQE4Ec=</ds:DigestValue>
</ds:Reference>
<ds:Reference URI="cid:xmldata@minder">
<ds:Transforms>
<ds:Transform Algorithm="http://docs.oasis-open.org/wss/oasis-wss-SwAProfile-1.1#Attachment-Content-Signature-Transform"/>
</ds:Transforms>
<ds:DigestMethod Algorithm="http://www.w3.org/2001/04/xmenc#sha256"/>
<ds:DigestValue>yqDt8JU9CgV+e+tbUO3wVj/I811CUMDvel8LpSJ14o=</ds:DigestValue>
</ds:Reference>
</ds:SignedInfo>
<ds:SignatureValue>dF912SJbr59RWHIT873OaMfKZh2gLiOIKRo9uGZ1AZ+AUOKNyzNua1u8Gc5eDHCSvbT0+cNO3e5vslZfY2p+LCKzk+o20N4if53oy5Mbp/H3/uf2N7QvAA0jXUh2SYs
SpkStCLCCwOdWZuX5025TSaMgkEObEoyFw3k+KKR5bdZ443mtj0PFU0PZUPk7ghx3wHTmSYJvoJdDORx3PhfrY3BcaFGEloKHixUD3l0ey7VS3jXhtjEr6GHD5PmOC7peLzgPqUVY
Zg5mxj64-QzTpY97xFMT1fu2Xe3GDLZ+IHNP/kbboPYtJHBw2FhB5JV6TJ2iwrRZeT1472JG+aA==</ds:SignatureValue>
<ds:KeyInfo Id="KI-d2f372fc-6d3f-46de-bf8c-66e13b57f305">
<wsse:SecurityTokenReference wsu:Id="STR-f35ed603-c83f-481a-965d-9ae3aa5251ac">
<wsse:Reference URI="#X509-555f76ca-33bd-48de-8a3c-1e82dd43eabe"
ValueType="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-x509-token-profile-1.0#X509v3"/>
</wsse:SecurityTokenReference>
</ds:KeyInfo>
</ds:Signature>
</wsse:Security>
2019-08-08 12:58:09,470: INFO - =====
2019-08-08 12:58:09,475: INFO - AS4 message id: f1d5b906-5d4d-4ed2-a1a7-5d23edd76d1d@mindertestbed.org
2019-08-08 12:58:09,481: INFO - =====
2019-08-08 12:58:09,499: INFO - Attachments:
2019-08-08 12:58:09,504: INFO - =====
2019-08-08 12:58:09,512: INFO - Attachment ID: <xmldata@minder>, MimeType: application/gzip
```

2019-08-08 12:58:09,517: INFO - Compressed HEX payload: 1F8B08000000000000B3C9CDCCB3B349492DB22B4ECC2DC849B5D107B16DF441C2007E6CD3781C000000
2019-08-08 12:58:09,522: INFO - Decompressed Payload: <min><der>sample<der></min>
2019-08-08 12:58:09,528: INFO - =====
2019-08-08 12:58:09,533: INFO - =====
2019-08-08 12:58:09,551: INFO - Attachments (uncompressed payloads):
2019-08-08 12:58:09,556: INFO - =====
2019-08-08 12:58:09,562: INFO - Attachment ID: <xmlpayload@minder>, MimeType: application/octet-stream will be compressed
2019-08-08 12:58:09,568: INFO - Compressed Payload: yRO.Jiq G|KI & ,nffk -N93;s1=pz Oq _ Oi * c{ iHr1 7C Re^P Dr* c\$y
2019-08-08 12:58:09,573: INFO - =====
2019-08-08 12:58:09,578: INFO - =====
2019-08-08 12:58:09,585: DEBUG - Assign free vars
2019-08-08 12:58:09,590: INFO - > CALL SLOT as4-adapter|8.sendMessage(byte[])
2019-08-08 12:58:09,689: INFO - < SLOT CALLED as4-adapter|8.sendMessage(byte[])
2019-08-08 12:58:09,694: INFO - < Rivet finished sucessfully
2019-08-08 12:58:09,699: INFO - -----

2019-08-08 12:58:09,704: INFO - > RUN RIVET 3
2019-08-08 12:58:09,710: DEBUG - > Wait For Signal:as4-adapter|8.replyReceived(byte[])
2019-08-08 12:58:09,715: DEBUG - < Signal Arrived: as4-adapter|8.replyReceived(byte[])
2019-08-08 12:58:09,721: INFO - =====
2019-08-08 12:58:09,727: INFO - Received the Receipt: 1565269089726
2019-08-08 12:58:09,732: INFO - =====
2019-08-08 12:58:09,737: INFO - RECEIPT:
2019-08-08 12:58:09,744: INFO - <?xml version="1.0" encoding="UTF-8"?>
<eb:Messaging xmlns:eb="http://docs.oasis-open.org/ebxml-msg/ebms/v3.0/ns/core/200704/"
xmlns:S11="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:ebbp="http://docs.oasis-open.org/ebxml-bp/ebbp-signals-2.0"
xmlns:S12="http://www.w3.org/2003/05/soap-envelope"
xmlns:wsu="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-wssecurity-utility-1.0.xsd"
xmlns:ds="http://www.w3.org/2000/09/xmldsig#"
xmlns:xlink="http://www.w3.org/1999/xlink"
wsu:Id="phase4-msg-14b06687-bc84-46fb-820b-51bfa5a3c6c0">
<eb:SignalMessage>
<eb:MessageInfo>
<eb:Timestamp>2019-08-08T12:58:14.734</eb:Timestamp>
<eb:MessageId>64d2e2ef-50f6-4046-84b5-3a2c2a08ef61@phase4</eb:MessageId>
<eb:RefToMessageId>f1d5b906-5d4d-4ed2-a1a7-5d23edd76d1d@mindentestbed.org</eb:RefToMessageId>
</eb:MessageInfo>
<eb:Error category="Processing"
errorCode="EBMS:0102"
refToMessageInError="f1d5b906-5d4d-4ed2-a1a7-5d23edd76d1d@mindentestbed.org"
severity="failure"
shortDescription="FailedDecryption">
<eb:Description xml:lang="en">FailedDecryption</eb:Description>
<eb:ErrorDetail>The encrypted data reference the Security header intended for the "ebms" SOAP actor could not be decrypted by the Security Module.</eb:ErrorDetail>
</eb:Error>
</eb:SignalMessage>
</eb:Messaging>
2019-08-08 12:58:09,749: INFO - =====
2019-08-08 12:58:09,754: INFO - Error message:
2019-08-08 12:58:09,760: 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:S11="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:ebbp="http://docs.oasis-open.org/ebxml-bp/ebbp-signals-2.0"
xmlns:S12="http://www.w3.org/2003/05/soap-envelope"
xmlns:wsu="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-wssecurity-utility-1.0.xsd"
xmlns:ds="http://www.w3.org/2000/09/xmldsig#"
xmlns:xlink="http://www.w3.org/1999/xlink"
category="Processing"
errorCode="EBMS:0102"
refToMessageInError="f1d5b906-5d4d-4ed2-a1a7-5d23edd76d1d@mindentestbed.org"
severity="failure"
shortDescription="FailedDecryption">
<eb:Description xml:lang="en">FailedDecryption</eb:Description>
<eb:ErrorDetail>The encrypted data reference the Security header intended for the "ebms" SOAP actor could not be decrypted by the Security Module.</eb:ErrorDetail>
</eb:Error>
2019-08-08 12:58:09,765: INFO - =====
2019-08-08 12:58:09,770: DEBUG - Assign free vars
2019-08-08 12:58:09,775: INFO - > CALL SLOT as4-adapter|8.sendResponse(byte[])
2019-08-08 12:58:09,782: INFO - < SLOT CALLED as4-adapter|8.sendResponse(byte[])
2019-08-08 12:58:09,787: INFO - < Rivet finished sucessfully
2019-08-08 12:58:09,792: INFO - -----

2019-08-08 12:58:09,797: INFO - > RUN RIVET 4
2019-08-08 12:58:09,803: DEBUG - > Wait For Signal:genericAS4Corner1|8.processNotification(esens.wp6.esensMshBackend.MessageNotification)
2019-08-08 12:58:11,103: DEBUG - < Signal Arrived: genericAS4Corner1|8.processNotification(esens.wp6.esensMshBackend.MessageNotification)
2019-08-08 12:58:11,112: INFO - =====
2019-08-08 12:58:11,117: INFO - Corner1 backend NOTIFICATION
2019-08-08 12:58:11,122: INFO - status :Error
2019-08-08 12:58:11,128: INFO - messageId: f1d5b906-5d4d-4ed2-a1a7-5d23edd76d1d@mindentestbed.org
2019-08-08 12:58:11,133: INFO - shortDescription: FailedDecryption
2019-08-08 12:58:11,138: INFO - descriptionnull
2019-08-08 12:58:11,143: INFO - =====
2019-08-08 12:58:11,149: DEBUG - Assign free vars
2019-08-08 12:58:11,155: INFO - > CALL SLOT NULLADAPTER.NULLSLOT
2019-08-08 12:58:11,160: INFO - < SLOT CALLED NULLADAPTER.NULLSLOT
2019-08-08 12:58:11,165: INFO - < Rivet finished sucessfully
2019-08-08 12:58:11,170: INFO - -----

2019-08-08 12:58:11,175: INFO - Test #29791 Finished

Test Report - AS4_CP_TA38

Overview

Test Group:	AS4 Common Profile Test Assertions
Test Assertion:	AS4_CP_TA38
Test Case:	AS4_CP_TA38_TC01
User:	ROOT
Date:	2019.08.08 12:58:12
System(s) Tested:	1- Phase4

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

Test Assertion Details

TAID:	AS4_CP_TA38
Target:	Payload signature/encryption/compression
Normative Source:	[eDelivery-AS4] "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">• SSMH and RSMH are configured to exchange AS4 messages according to the eDelivery AS4 profile (One-Way/Push MEP).• The SSMH sends an AS4 message with a compressed then encrypted and signed payload to the RSMH.
Predicate:	The RSMH sends back an AS4 non-repudiation receipt.
Variables:	
Tag:	Signature/encryption/compression

Log

```
2019-08-08 12:58:13,296: INFO - Minder version v2.3.0
2019-08-08 12:58:13,301: INFO - Start Test
2019-08-08 12:58:13,306: INFO - Initialize test case
2019-08-08 12:58:13,314: DEBUG - Parameters
2019-08-08 12:58:13,320: DEBUG - Corner2:phoss-c2
Corner3:phoss-c3
2019-08-08 12:58:13,325: INFO - > Initialize the Adapters
2019-08-08 12:58:13,330: INFO - Call start test on NULLADAPTER
2019-08-08 12:58:13,335: INFO - Obtain SUT Identifiers from NULLADAPTER
2019-08-08 12:58:13,340: INFO - Call start test on as4-adapter
2019-08-08 12:58:13,347: INFO - Obtain SUT Identifiers from as4-adapter
2019-08-08 12:58:13,355: INFO - System Under Test: Phase4
2019-08-08 12:58:13,361: INFO - System Under Test: Phase4
2019-08-08 12:58:13,366: INFO - Call start test on genericAS4Corner4
2019-08-08 12:58:13,372: INFO - Obtain SUT Identifiers from genericAS4Corner4
2019-08-08 12:58:13,377: INFO - Call start test on genericAS4Corner1
2019-08-08 12:58:13,383: INFO - Obtain SUT Identifiers from genericAS4Corner1
2019-08-08 12:58:13,388: INFO - > RUN RIVET 0
2019-08-08 12:58:13,394: DEBUG - Assign free vars
2019-08-08 12:58:13,399: INFO - =====
2019-08-08 12:58:13,405: INFO - Corner 2 phoss-c2
2019-08-08 12:58:13,410: INFO - Corner 3 phoss-c3
2019-08-08 12:58:13,415: INFO - =====
2019-08-08 12:58:13,440: INFO - > CALL SLOT NULLADAPTER.NULLSLOT
2019-08-08 12:58:13,445: INFO - < SLOT CALLED NULLADAPTER.NULLSLOT
2019-08-08 12:58:13,451: INFO - < Rivet finished sucessfully
2019-08-08 12:58:13,456: INFO - -----

2019-08-08 12:58:13,462: INFO - > RUN RIVET 1
2019-08-08 12:58:13,467: DEBUG - Assign free vars
2019-08-08 12:58:13,472: INFO - > CALL SLOT genericAS4Corner1|8.submitMessage(esens.wp6.esensMshBackend.SubmissionData)
2019-08-08 12:58:13,679: INFO - < SLOT CALLED genericAS4Corner1|8.submitMessage(esens.wp6.esensMshBackend.SubmissionData)
2019-08-08 12:58:13,685: INFO - < Rivet finished sucessfully
2019-08-08 12:58:13,690: INFO - -----

2019-08-08 12:58:13,695: INFO - > RUN RIVET 2
2019-08-08 12:58:13,700: DEBUG - > Wait For Signal:as4-adapter|8.messageReceived(byte[])
2019-08-08 12:58:14,764: DEBUG - < Signal Arrived: as4-adapter|8.messageReceived(byte[])
2019-08-08 12:58:14,770: INFO - =====
2019-08-08 12:58:14,776: INFO - C2 AS4 Message:
2019-08-08 12:58:14,783: INFO - <?xml version="1.0" encoding="UTF-8"?>
<eb:Messaging xmlns:eb="http://docs.oasis-open.org/ebxml-msg/ebms/v3.0/ns/core/200704/"
xmlns:S11="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:ebbp="http://docs.oasis-open.org/ebxml-bp/ebbp-signals-2.0"
xmlns:S12="http://www.w3.org/2003/05/soap-envelope"
xmlns:wsu="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-wssecurity-utility-1.0.xsd"
xmlns:ds="http://www.w3.org/2000/09/xmldsig#"
xmlns:xlink="http://www.w3.org/1999/xlink"
S12:mustUnderstand="true"
wsu:Id="phase4-msg-0931c442-26e6-4093-8777-2ae126462348">
<eb:UserMessage>
<eb:MessageInfo>
<eb:Timestamp>2019-08-08T12:58:19.652</eb:Timestamp>
<eb:MessageId>089be0b3-a006-4e82-af4a-aa4efa5779d9@mindertestbed.org</eb:MessageId>
</eb:MessageInfo>
<eb:PartyInfo>
<eb:From>
<eb:PartyId>phoss-c2</eb:PartyId>
<eb:Role>http://www.esens.eu/as4/conformancetest/sut</eb:Role>
</eb:From>
<eb:To>
<eb:PartyId>phoss-c3</eb:PartyId>
<eb:Role>http://docs.oasis-open.org/ebxml-msg/ebms/v3.0/ns/core/200704/responder</eb:Role>
</eb:To>
</eb:PartyInfo>
<eb:CollaborationInfo>
<eb:AgreementRef pmode="phoss-c2-phoss-c3">urn:as4:agreement</eb:AgreementRef>
<eb:Service>SRV_SIMPLE_ONEWAY</eb:Service>
<eb:Action>ACT_SIMPLE_ONEWAY</eb:Action>
<eb:ConversationId>780127</eb:ConversationId>
</eb:CollaborationInfo>
<eb:MessageProperties>
<eb:Property name="originalSender">C1</eb:Property>
<eb:Property name="finalRecipient">C4</eb:Property>
</eb:MessageProperties>
<eb:PayloadInfo>
<eb:PartInfo href="cid:xmlpayload@minder">
<eb:PartProperties>
<eb:Property name="MimeType">application/xml</eb:Property>
<eb:Property name="CharacterSet">ISO-8859-1</eb:Property>
<eb:Property name="CompressionType">application/gzip</eb:Property>
</eb:PartProperties>
</eb:PartInfo>
<eb:PartInfo href="cid:custompayload@minder">
<eb:PartProperties>
<eb:Property name="MimeType">application/octet-stream</eb:Property>
<eb:Property name="CharacterSet">ISO-8859-1</eb:Property>
<eb:Property name="CompressionType">application/gzip</eb:Property>
</eb:PartProperties>
</eb:PartInfo>
</eb:PayloadInfo>
</eb:UserMessage>
</eb:Messaging>
2019-08-08 12:58:14,788: INFO - =====
2019-08-08 12:58:14,793: INFO - C2 AS4 Security Header:
2019-08-08 12:58:14,799: INFO - <?xml version="1.0" encoding="UTF-8"?>
<wsse:Security xmlns:wsse="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-wssecurity-secext-1.0.xsd"
xmlns:S12="http://www.w3.org/2003/05/soap-envelope"
xmlns:wsu="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-wssecurity-utility-1.0.xsd"
```

```

12:mustUnderstand="true">
<wsse:BinarySecurityToken EncodingType="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-soap-message-security-1.0#Base64Binary"
ValueTypes="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-x509-token-profile-1.0#X509v3">
wss:Id="G4506d175-6e6e-4603-9959-72e6a4106298">
72e6a4106298">MlIDdzCCAl+gAwlBAGlEa5bQAjANBgkqhkiG9w0BAQsFADBsMQswCQYDVQQLGwEwJFVTERMA8GA1UECBMlcGhvc3MtYzIxETAPBgNVBACtCHBob3NzLWmzMREw
DwYDVQQLGwEwhwG9zcy1jMzERMA8GA1UECXMlcGhvc3MtYzIxETAPBgNVBAMTCHBob3NzLWmzMREwDwYDVQQLGwEwhwG9zcy1jMzERMA8GA1UECXMlcGhvc3MtYzIxETAPBgNVBAsTCHBob3NzLWmzMREwDwYDVQQLGwEwhwG9zc
y1jMzCCASlwdQYJKoZihvcNAQEBBQADggEPADCCAQoCggEBAJrgW9o9a7DlX0yH+0ACnX8hUbbtCkHluisdeucP12fnfWh8XorPka5jSRJb61bU6AC/pNFK3EdtlhPxFs5A5jzJ6c5U8okM
36R8jZdry5hf0tGqRlnTBXNgaE2xqvdjrJhiZPHguNYe7sRgAyd2kFvWRuAQa8uAD23DBG9X1r8dDscSAPnrUx4LF8SlqqwSbtkt0OU1fykoADsoDZhxrkVc3oDHEMMM4kIOb9/GWmFch
AzGSUjYl5PG2lIjWCRDi4c/Aj0MIMWzeWdvUfXpv2doQ1Aua9L3bbply7DDvAbtvASwLk5QjQfV3Xo5BkkeloF5TH4n0RmLKOAYcCAwEAAMhMB8wHQYDVR0OBBYEFYFZzbvaU9
/2QALJgMqCktSgdSxG/MAOGCSqSslb3DQEBcWUAA4IBAQBHGwsgC7vPMYru8b4Cgv3E3YeXIUPDYn3jOBDZJevBhSIFPjdZ7lbp1EGcB8yIXD0d6/atwTbiX2+P+od3q4/ZuB2ktGJSdr
51lQRm/DhaJo/3GL7GcmSASWG3Yjfx1/Yu6Voga/sZymflVrnatHuD1Y4G6cZbf5P3vw0xVHNT1TfDB8Zp9mKPKP3j3m2sOFii2JODzAgoT/GeZaXHPVU58bQ+KiZ8EvZvPoPiXty4aUlxd4d
ILSEGHdQpf06VVLBYM43DUwFob49lIybn6iZKdAc3GSZIDkZsvTmbUe2QNs+Mqp3VrPl3FMU9ig182UqlDHCmgx17/haJiJi+</wsse:BinarySecurityToken>
<xenc:EncryptedKey xmlns:xenc="http://www.w3.org/2001/04/xmenc#"
Id="EK-705a051c-6941-45e0-ab48-bb838654c75c">
<xenc:EncryptionMethod Algorithm="http://www.w3.org/2009/xmenc11#rsa-oaep">
<ds:DigestMethod xmlns:ds="http://www.w3.org/2000/09/xmldsig#"
Algorithm="http://www.w3.org/2001/04/xmenc#sha256"/>
<xenc11:MGF xmlns:xenc11="http://www.w3.org/2009/xmenc11#"
Algorithm="http://www.w3.org/2009/xmenc11#mgf1sha256"/>
</xenc:EncryptionMethod>
<ds:KeyInfo xmlns:ds="http://www.w3.org/2000/09/xmldsig#">
<wsse:SecurityTokenReference>
<wsse:Reference URI="#G4506d175-6e6e-4603-9959-72e6a4106298"
ValueTypes="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>DglOBZNY/HvpIwYufZD0Cx4j6ZoF7Jiq+V4ojw8nbXD4qAF236aS/az9a5vE06pMQOVIZpGV09sJN3FgwCd72pInNIAcrB3Feh4QTGkLqUitRMyC8gGIRFW4S2KIDLPa
WIEHf6YBSOGNWNfNrMGID/cgvvkRxnottF+1GkO/94noZM3+a9p026fnCvCAf5XHGYN2UpM9IXVUeRGCE2j0hlgBR2d7VYHAPju09hlfvXHBGyArWNS4X70QFvrixATQPeTybvuh+LO
hFWs6Y5HpsTAxBGld/KI9xDxWeMBKdHqfDLu/RcsD9/V0NVw36xnZBj8w0Lm8hP500UU44Q0==</xenc:CipherValue>
</xenc:CipherData>
<xenc:ReferenceList>
<xenc:DataReference URI="#ED-e570dd09-6273-4889-9c38-d8455c41c097"/>
<xenc:DataReference URI="#ED-1d85be37-2d9b-4822-a57e-466f20d5daf8"/>
</xenc:ReferenceList>
</xenc:EncryptedKey>
<xenc:EncryptedData xmlns:xenc="http://www.w3.org/2001/04/xmenc#"
Id="ED-1d85be37-2d9b-4822-a57e-466f20d5daf8"
MimeType="application/gzip"
Type="http://docs.oasis-open.org/wss/oasis-wss-SwAProfile-1.1#Attachment-Content-Only">
<xenc:EncryptionMethod Algorithm="http://www.w3.org/2009/xmenc11#aes128-gcm"/>
<ds:KeyInfo xmlns:ds="http://www.w3.org/2000/09/xmldsig#">
<wsse:SecurityTokenReference xmlns:wsse11="http://docs.oasis-open.org/wss/oasis-wss-wssecurity-secext-1.1.xsd"
wsse11:TokenTypes="http://docs.oasis-open.org/wss/oasis-wss-soap-message-security-1.1#EncryptedKey">
<wsse:Reference URI="#EK-705a051c-6941-45e0-ab48-bb838654c75c"/>
</wsse:SecurityTokenReference>
</ds:KeyInfo>
<xenc:CipherData>
<xenc:CipherReference URI="cid:custompayload@minder">
<xenc:Transforms>
<ds:Transform xmlns:ds="http://www.w3.org/2000/09/xmldsig#"
Algorithm="http://docs.oasis-open.org/wss/oasis-wss-SwAProfile-1.1#Attachment-Ciphertext-Transform"/>
</xenc:Transforms>
</xenc:CipherReference>
</xenc:CipherData>
</xenc:EncryptedData>
<xenc:EncryptedData xmlns:xenc="http://www.w3.org/2001/04/xmenc#"
Id="ED-e570dd09-6273-4889-9c38-d8455c41c097"
MimeType="application/gzip"
Type="http://docs.oasis-open.org/wss/oasis-wss-SwAProfile-1.1#Attachment-Content-Only">
<xenc:EncryptionMethod Algorithm="http://www.w3.org/2009/xmenc11#aes128-gcm"/>
<ds:KeyInfo xmlns:ds="http://www.w3.org/2000/09/xmldsig#">
<wsse:SecurityTokenReference xmlns:wsse11="http://docs.oasis-open.org/wss/oasis-wss-wssecurity-secext-1.1.xsd"
wsse11:TokenTypes="http://docs.oasis-open.org/wss/oasis-wss-soap-message-security-1.1#EncryptedKey">
<wsse:Reference URI="#EK-705a051c-6941-45e0-ab48-bb838654c75c"/>
</wsse:SecurityTokenReference>
</ds:KeyInfo>
<xenc:CipherData>
<xenc:CipherReference URI="cid:xmldata@minder">
<xenc:Transforms>
<ds:Transform xmlns:ds="http://www.w3.org/2000/09/xmldsig#"
Algorithm="http://docs.oasis-open.org/wss/oasis-wss-SwAProfile-1.1#Attachment-Ciphertext-Transform"/>
</xenc:Transforms>
</xenc:CipherReference>
</xenc:CipherData>
</xenc:EncryptedData>
<wsse:BinarySecurityToken EncodingType="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-soap-message-security-1.0#Base64Binary"
ValueTypes="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-x509-token-profile-1.0#X509v3">
wss:Id="X509-201f5770-8190-4470-91da-
cabd1d0ec325">MlIDdzCCAl+gAwlBAGlEWYzEPjANBgkqhkiG9w0BAQsFADBsMQswCQYDVQQLGwEwJFVTERMA8GA1UECBMlcGhvc3MtYzIxETAPBgNVBACtCHBob3NzLWmYMREw
DwYDVQQLGwEwhwG9zcy1jMjERMA8GA1UECXMlcGhvc3MtYzIxETAPBgNVBAMTCHBob3NzLWmYMREwDwYDVQQLGwEwhwG9zcy1jMjERMA8GA1UECXMlcGhvc3MtYzIxETAPBgNVBAsTCHBob3NzLWmYMREwDwYDVQQLGwEwhwG9zcy1jM
jCCASlwdQYJKoZihvcNAQEBBQADggEPADCCAQoCggEBAJrGw9o9a7DlX0yH+0ACnX8hUbbtCkHluisdeucP12fnfWh8XorPka5jSRJb61bU6AC/pNFK3EdtlhPxFs5A5jzJ6c5U8okM
36R8jZdry5hf0tGqRlnTBXNgaE2xqvdjrJhiZPHguNYe7sRgAyd2kFvWRuAQa8uAD23DBG9X1r8dDscSAPnrUx4LF8SlqqwSbtkt0OU1fykoADsoDZhxrkVc3oDHEMMM4kIOb9/GWmFch
AzGSUjYl5PG2lIjWCRDi4c/Aj0MIMWzeWdvUfXpv2doQ1Aua9L3bbply7DDvAbtvASwLk5QjQfV3Xo5BkkeloF5TH4n0RmLKOAYcCAwEAAMhMB8wHQYDVR0OBBYEFYFZzbvaU9
/2QALJgMqCktSgdSxG/MAOGCSqSslb3DQEBcWUAA4IBAQBHGwsgC7vPMYru8b4Cgv3E3YeXIUPDYn3jOBDZJevBhSIFPjdZ7lbp1EGcB8yIXD0d6/atwTbiX2+P+od3q4/ZuB2ktGJSdr
51lQRm/DhaJo/3GL7GcmSASWG3Yjfx1/Yu6Voga/sZymflVrnatHuD1Y4G6cZbf5P3vw0xVHNT1TfDB8Zp9mKPKP3j3m2sOFii2JODzAgoT/GeZaXHPVU58bQ+KiZ8EvZvPoPiXty4aUlxd4d
ILSEGHdQpf06VVLBYM43DUwFob49lIybn6iZKdAc3GSZIDkZsvTmbUe2QNs+Mqp3VrPl3FMU9ig182UqlDHCmgx17/haJiJi+</wsse:BinarySecurityToken>
<ds:Signature xmlns:ds="http://www.w3.org/2000/09/xmldsig#"
Id="SIG-eaa9efbc-2ce7-4e87-b844-fe8045b39d3f">
<ds:SignedInfo>
<ds:CanonicalizationMethod Algorithm="http://www.w3.org/2001/10/xml-exc-c14n#">
<ec:InclusiveNamespaces xmlns:ec="http://www.w3.org/2001/10/xml-exc-c14n#" PrefixList="#S12"/>
</ds:CanonicalizationMethod>
<ds:SignatureMethod Algorithm="http://www.w3.org/2001/04/xmldsig-more#rsa-sha256"/>
<ds:Reference URI="#phase4-msg-0931c442-26e6-4093-8777-2ae126462348">
<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>sYQZ22XGBkwXF8bCMRN+FrXQMfYe0V5i66X
```

[illegible]

```
<ds:DigestValue>yqDt8JU9CgV+e+tbfUO3wVj/I811CUMDveI8LpSJ14o=</ds:DigestValue>
</ds:Reference>
</ebbp:MessagePartNRInformation>
<ebbp:MessagePartNRInformation>
<ds:Reference URL="cid:custompayload@minder">
<ds:Transforms>
<ds:Transform Algorithm="http://docs.oasis-open.org/wss/oasis-wss-SwAProfile-1.1#Attachment-Content-Signature-Transform"/>
</ds:Transforms>
<ds:DigestMethod Algorithm="http://www.w3.org/2001/04/xmlenc#sha256"/>
<ds:DigestValue>r7CBjbov5qfQij53dkc1t13rbaTa3dKkqkCR5ankrf0=</ds:DigestValue>
</ds:Reference>
</ebbp:MessagePartNRInformation>
</ebbp:NonRepudiationInformation>
</eb:Receipt>
</eb:SignalMessage>
</eb:Messaging>
2019-08-08 12:58:15,096: INFO - =====
2019-08-08 12:58:15,102: DEBUG - Assign free vars
2019-08-08 12:58:15,107: INFO - > CALL SLOT as4-adapter|8.sendResponse(byte[])
2019-08-08 12:58:15,113: INFO - < SLOT CALLED as4-adapter|8.sendResponse(byte[])
2019-08-08 12:58:15,118: INFO - < Rivet finished sucessfully
2019-08-08 12:58:15,123: INFO - -----

2019-08-08 12:58:15,128: INFO - > RUN RIVET 4
2019-08-08 12:58:15,134: DEBUG - > Wait For Signal:genericAS4Corner4|8.receiveMessage(esens.wp6.esensMshBackend.SubmissionData)
2019-08-08 12:58:16,217: DEBUG - < Signal Arrived: genericAS4Corner4|8.receiveMessage(esens.wp6.esensMshBackend.SubmissionData)
2019-08-08 12:58:16,226: INFO - =====
2019-08-08 12:58:16,231: INFO - Corner4 Received Payloads:
2019-08-08 12:58:16,237: INFO - Data
2019-08-08 12:58:16,242: INFO - originalSender: C1
2019-08-08 12:58:16,247: INFO - finalRecipient: C4
2019-08-08 12:58:16,252: INFO - refToMessageId: null
2019-08-08 12:58:16,257: INFO - conversationId: 780127
2019-08-08 12:58:16,262: INFO - messageId: 089be0b3-a006-4e82-af4a-aa4efa5779d9@mindertestbed.org
2019-08-08 12:58:16,268: INFO - to: Minder
2019-08-08 12:58:16,273: INFO - from: null
2019-08-08 12:58:16,278: INFO - pModelId: null
2019-08-08 12:58:16,283: INFO - =====
2019-08-08 12:58:16,290: INFO - payloadId: xmlpayload@minder == type: application/xml.
2019-08-08 12:58:16,296: INFO - <min><der>sample</der></min>
2019-08-08 12:58:16,301: INFO - payloadId: custompayload@minder == type: application/octet-stream.
2019-08-08 12:58:16,306: INFO - !! Modify me after submission, if you dare!!
2019-08-08 12:58:16,312: INFO - =====
2019-08-08 12:58:16,317: DEBUG - Assign free vars
2019-08-08 12:58:16,322: INFO - > CALL SLOT NULLADAPTER.NULLSLOT
2019-08-08 12:58:16,329: INFO - < SLOT CALLED NULLADAPTER.NULLSLOT
2019-08-08 12:58:16,334: INFO - < Rivet finished sucessfully
2019-08-08 12:58:16,340: INFO - -----

2019-08-08 12:58:16,345: INFO - > RUN RIVET 5
2019-08-08 12:58:16,350: DEBUG - > Wait For Signal:genericAS4Corner1|8.processNotification(esens.wp6.esensMshBackend.MessageNotification)
2019-08-08 12:58:16,420: DEBUG - < Signal Arrived: genericAS4Corner1|8.processNotification(esens.wp6.esensMshBackend.MessageNotification)
2019-08-08 12:58:16,429: INFO - =====
2019-08-08 12:58:16,434: INFO - Corner1 backend NOTIFICATION
2019-08-08 12:58:16,440: INFO - status :Receipt
2019-08-08 12:58:16,445: INFO - messageId: 089be0b3-a006-4e82-af4a-aa4efa5779d9@mindertestbed.org
2019-08-08 12:58:16,450: INFO - shortDescription: null
2019-08-08 12:58:16,455: INFO - descriptionnull
2019-08-08 12:58:16,460: INFO - =====
2019-08-08 12:58:16,467: DEBUG - Assign free vars
2019-08-08 12:58:16,473: INFO - > CALL SLOT NULLADAPTER.NULLSLOT
2019-08-08 12:58:16,478: INFO - < SLOT CALLED NULLADAPTER.NULLSLOT
2019-08-08 12:58:16,483: INFO - < Rivet finished sucessfully
2019-08-08 12:58:16,488: INFO - -----

2019-08-08 12:58:16,493: INFO - Test #29792 Finished
```

Test Report - AS4_CP_TA45

Overview

Test Group:	AS4 Common Profile Test Assertions
Test Assertion:	AS4_CP_TA45
Test Case:	AS4_CP_TA45_TC01
User:	ROOT
Date:	2019.08.08 12:58:17
System(s) Tested:	1- Phase4

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

Test Assertion Details

TAID:	AS4_CP_TA45
Target:	Payloads order
Normative Source:	[eDelivery-AS4] "A Producer that submits a message with multiple payloads to an MSH MUST be able to control the order of the corresponding eb:PartInfo elements in the ebMS3 eb:PayloadInfo element."
Prescription Level:	Mandatory
Prerequisite:	<ul style="list-style-type: none">• SSMH and RSMH are configured to exchange AS4 messages according to the eDelivery AS4 profile. (One-Way/Push MEP)• Producer submits a message to the SSMH with metadata information, an XML payload (leading business document) and 2 other non XML payloads P1 and P2.• In the message submitted by the producer to the SSMH, the payloads are ordered as following: first is XML payload, second is P1 and third is P2.• SSMH generates an AS4 message to send to the RSMH.
Predicate:	In the AS4 message created by the SSMH, inside the PAYLOADINFO element, the XML payload is referenced by the first PARTINFO element, P1 is referenced by the second PARTINFO element and P2 is referenced by the third PARTINFO element.
Variables:	PARTINFO: XML element of AS4 user message Messaging/UserMessage/PayloadInfo/PartInfo PAYLOADINFO: XML element of AS4 user message Messaging/UserMessage/PayloadInfo

Tag: Payload ordering

Log

```
2019-08-08 12:58:18,969: INFO - Minder version v2.3.0
2019-08-08 12:58:18,975: INFO - Start Test
2019-08-08 12:58:18,980: INFO - Initialize test case
2019-08-08 12:58:18,988: DEBUG - Parameters
2019-08-08 12:58:18,993: DEBUG - Corner2:phoss-c2
Corner3:phoss-c3
2019-08-08 12:58:18,999: INFO - > Initialize the Adapters
2019-08-08 12:58:19,004: INFO - Call start test on NULLADAPTER
2019-08-08 12:58:19,009: INFO - Obtain SUT Identifiers from NULLADAPTER
2019-08-08 12:58:19,014: INFO - Call start test on as4-adapter
2019-08-08 12:58:19,021: INFO - Obtain SUT Identifiers from as4-adapter
2019-08-08 12:58:19,027: INFO - System Under Test: Phase4
2019-08-08 12:58:19,032: INFO - System Under Test: Phase4
2019-08-08 12:58:19,037: INFO - Call start test on genericAS4Corner4
2019-08-08 12:58:19,043: INFO - Obtain SUT Identifiers from genericAS4Corner4
2019-08-08 12:58:19,049: INFO - Call start test on genericAS4Corner1
2019-08-08 12:58:19,055: INFO - Obtain SUT Identifiers from genericAS4Corner1
2019-08-08 12:58:19,061: INFO - > RUN RIVET 0
2019-08-08 12:58:19,066: DEBUG - Assign free vars
2019-08-08 12:58:19,071: INFO - =====
2019-08-08 12:58:19,077: INFO - Corner 2 phoss-c2
2019-08-08 12:58:19,082: INFO - Corner 3 phoss-c3
2019-08-08 12:58:19,087: INFO - =====
2019-08-08 12:58:19,113: INFO - > CALL SLOT NULLADAPTER.NULLSLOT
2019-08-08 12:58:19,118: INFO - < SLOT CALLED NULLADAPTER.NULLSLOT
2019-08-08 12:58:19,124: INFO - < Rivet finished sucessfully
2019-08-08 12:58:19,129: INFO - -----

2019-08-08 12:58:19,134: INFO - > RUN RIVET 1
2019-08-08 12:58:19,139: DEBUG - Assign free vars
2019-08-08 12:58:19,145: INFO - > CALL SLOT genericAS4Corner1|8.submitMessage(esens.wp6.esensMshBackend.SubmissionData)
2019-08-08 12:58:19,354: INFO - < SLOT CALLED genericAS4Corner1|8.submitMessage(esens.wp6.esensMshBackend.SubmissionData)
2019-08-08 12:58:19,360: INFO - < Rivet finished sucessfully
2019-08-08 12:58:19,365: INFO - -----

2019-08-08 12:58:19,370: INFO - > RUN RIVET 2
2019-08-08 12:58:19,375: DEBUG - > Wait For Signal:as4-adapter|8.messageReceived(byte[])
2019-08-08 12:58:20,431: DEBUG - < Signal Arrived: as4-adapter|8.messageReceived(byte[])
2019-08-08 12:58:20,437: INFO - =====
2019-08-08 12:58:20,442: INFO - soapMessage: [B@6533ebe1
2019-08-08 12:58:20,447: INFO - =====
2019-08-08 12:58:20,453: INFO - C2 AS4 Message:
2019-08-08 12:58:20,460: INFO - <?xml version="1.0" encoding="UTF-8"?>
<eb:Messaging xmlns:eb="http://docs.oasis-open.org/ebxml-msg/ebms/v3.0/ns/core/200704/"
xmlns:S11="http://schemas.xmlsoap.org/soap/envelope/"
xmlns:ebbp="http://docs.oasis-open.org/ebxml-bp/ebbp-signals-2.0"
xmlns:S12="http://www.w3.org/2003/05/soap-envelope"
xmlns:wsu="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-wssecurity-utility-1.0.xsd"
xmlns:ds="http://www.w3.org/2000/09/xmldsig#"
xmlns:xlink="http://www.w3.org/1999/xlink"
S12:mustUnderstand="true"
wsu:id="phase4-msg-7fd3be05-d674-4b12-83f2-e3dc4b06348a">
<eb:UserMessage>
<eb:MessageInfo>
<eb:Timestamp>2019-08-08T12:58:25.321</eb:Timestamp>
<eb:MessageId>7fb6386e-aacd-4af6-bf78-bcbb3d5cb3f1@mindentestbed.org</eb:MessageId>
</eb:MessageInfo>
<eb:PartyInfo>
<eb:From>
<eb:PartyId>phoss-c2</eb:PartyId>
<eb:Role>http://www.esens.eu/as4/conformancetest/sut</eb:Role>
</eb:From>
<eb:To>
<eb:PartyId>phoss-c3</eb:PartyId>
<eb:Role>http://docs.oasis-open.org/ebxml-msg/ebms/v3.0/ns/core/200704/responder</eb:Role>
</eb:To>
</eb:PartyInfo>
<eb:CollaborationInfo>
<eb:AgreementRef pmode="phoss-c2-phoss-c3">urn:as4:agreement</eb:AgreementRef>
<eb:Service>SRV_SIMPLE_ONEWAY</eb:Service>
<eb:Action>ACT_SIMPLE_ONEWAY</eb:Action>
<eb:ConversationId>439943</eb:ConversationId>
</eb:CollaborationInfo>
<eb:MessageProperties>
<eb:Property name="originalSender">C1</eb:Property>
<eb:Property name="finalRecipient">C4</eb:Property>
</eb:MessageProperties>
<eb:PayloadInfo>
<eb:PartInfo href="cid:xmlpayload@minder">
<eb:PartProperties>
<eb:Property name="MimeType">application/xml</eb:Property>
<eb:Property name="CharacterSet">ISO-8859-1</eb:Property>
<eb:Property name="CompressionType">application/gzip</eb:Property>
</eb:PartProperties>
</eb:PartInfo>
<eb:PartInfo href="cid:custompayloadP1@minder">
<eb:PartProperties>
<eb:Property name="MimeType">application/octet-stream</eb:Property>
<eb:Property name="CharacterSet">ISO-8859-1</eb:Property>
<eb:Property name="CompressionType">application/gzip</eb:Property>
</eb:PartProperties>
</eb:PartInfo>
<eb:PartInfo href="cid:custompayloadP2@minder">
<eb:PartProperties>
<eb:Property name="MimeType">application/octet-stream</eb:Property>
<eb:Property name="CharacterSet">ISO-8859-1</eb:Property>
<eb:Property name="CompressionType">application/gzip</eb:Property>
</eb:PartProperties>
</eb:PartInfo>
```

```
</eb:PayloadInfo>
</eb:UserMessage>
</eb:Messaging>
2019-08-08 12:58:20,465: INFO - =====
2019-08-08 12:58:20,471: INFO - =====
2019-08-08 12:58:20,476: INFO - AS4 message id: 7fb6386e-aacd-4af6-bf78-bcbb3d5cb3f1 @mindertestbed.org
2019-08-08 12:58:20,481: INFO - =====
2019-08-08 12:58:20,486: INFO - Verify And Decrypt Soap Message ...
2019-08-08 12:58:20,506: INFO - =====
2019-08-08 12:58:20,511: INFO - Decrypted message:
2019-08-08 12:58:20,516: INFO - <?xml version="1.0" encoding="UTF-8"?>
<S12:Header xmlns:S12="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:S11="http://schemas.xmlsoap.org/soap/envelope/"
    xmlns:ebbp="http://docs.oasis-open.org/ebxml-bp/ebbp-signals-2.0"
    xmlns:wsu="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-wssecurity-utility-1.0.xsd"
    xmlns:ds="http://www.w3.org/2000/09/xmldsig#"
    xmlns:xlink="http://www.w3.org/1999/xlink"
    S12:mustUnderstand="true"
    wsu:id="phase4-msg-7fd3be05-d674-4b12-83f2-e3dc4b06348a">
    <eb:UserMessage>
      <eb:MessageInfo>
        <eb:Timestamp>2019-08-08T12:58:25.321</eb:Timestamp>
        <eb:MessageId>7fb6386e-aacd-4af6-bf78-bcbb3d5cb3f1 @mindertestbed.org</eb:MessageId>
        </eb:MessageInfo>
        <eb:PartyInfo>
          <eb:From>
            <eb:PartyId>phoss-c2</eb:PartyId>
            <eb:Role>http://www.esens.eu/as4/conformancetest/sut</eb:Role>
          </eb:From>
          <eb:To>
            <eb:PartyId>phoss-c3</eb:PartyId>
            <eb:Role>http://docs.oasis-open.org/ebxml-msg/ebms/v3.0/ns/core/200704/responder</eb:Role>
          </eb:To>
          </eb:PartyInfo>
          <eb:CollaborationInfo>
            <eb:AgreementRef pmode="phoss-c2-phoss-c3">urn:as4:agreement</eb:AgreementRef>
            <eb:Service>SRV_SIMPLE_ONEWAY</eb:Service>
            <eb:Action>ACT_SIMPLE_ONEWAY</eb:Action>
            <eb:ConversationId>439943</eb:ConversationId>
          </eb:CollaborationInfo>
          <eb:MessageProperties>
            <eb:Property name="originalSender">C1</eb:Property>
            <eb:Property name="finalRecipient">C4</eb:Property>
          </eb:MessageProperties>
          <eb:PayloadInfo>
            <eb:PartInfo href="cid:xmlpayload@minder">
              <eb:PartProperties>
                <eb:Property name="MimeType">application/xml</eb:Property>
                <eb:Property name="CharacterSet">ISO-8859-1</eb:Property>
                <eb:Property name="CompressionType">application/gzip</eb:Property>
              </eb:PartProperties>
            </eb:PartInfo>
            <eb:PartInfo href="cid:custompayloadP1@minder">
              <eb:PartProperties>
                <eb:Property name="MimeType">application/octet-stream</eb:Property>
                <eb:Property name="CharacterSet">ISO-8859-1</eb:Property>
                <eb:Property name="CompressionType">application/gzip</eb:Property>
              </eb:PartProperties>
            </eb:PartInfo>
            <eb:PartInfo href="cid:custompayloadP2@minder">
              <eb:PartProperties>
                <eb:Property name="MimeType">application/octet-stream</eb:Property>
                <eb:Property name="CharacterSet">ISO-8859-1</eb:Property>
                <eb:Property name="CompressionType">application/gzip</eb:Property>
              </eb:PartProperties>
            </eb:PartInfo>
          </eb:PayloadInfo>
        </eb:UserMessage>
      </eb:Messaging>
    </S12:Header>
2019-08-08 12:58:20,521: INFO - =====
2019-08-08 12:58:20,531: INFO - Check that the order of payloads inside payloadInfoNode element ...
2019-08-08 12:58:20,536: INFO - =====
2019-08-08 12:58:20,543: DEBUG - Assign free vars
2019-08-08 12:58:20,549: INFO - > CALL SLOT as4-adapter|8.sendMessage(byte[])
2019-08-08 12:58:20,705: INFO - < SLOT CALLED as4-adapter|8.sendMessage(byte[])
2019-08-08 12:58:20,710: INFO - < RIVET CALLED successfully
2019-08-08 12:58:20,716: INFO - -----

2019-08-08 12:58:20,721: INFO - > RUN RIVET 3
2019-08-08 12:58:20,726: DEBUG - > Wait For Signal:as4-adapter|8.replyReceived(byte[])
2019-08-08 12:58:20,731: DEBUG - < Signal Arrived: as4-adapter|8.replyReceived(byte[])
2019-08-08 12:58:20,738: INFO - Received Receipt: 1565269100737
2019-08-08 12:58:20,743: INFO - =====
2019-08-08 12:58:20,748: INFO - RECEIPT:
2019-08-08 12:58:20,755: INFO - <?xml version="1.0" encoding="UTF-8"?>
<eb:Messaging xmlns:eb="http://docs.oasis-open.org/ebxml-msg/ebms/v3.0/ns/core/200704/"
  xmlns:S11="http://schemas.xmlsoap.org/soap/envelope/"
  xmlns:ebbp="http://docs.oasis-open.org/ebxml-bp/ebbp-signals-2.0"
  xmlns:S12="http://www.w3.org/2003/05/soap-envelope"
  xmlns:wsu="http://docs.oasis-open.org/wss/2004/01/oasis-200401-wss-wssecurity-utility-1.0.xsd"
  xmlns:ds="http://www.w3.org/2000/09/xmldsig#"
  xmlns:xlink="http://www.w3.org/1999/xlink"
  S12:mustUnderstand="true"
  wsu:id="phase4-msg-22968e67-e9e9-4720-9dda-cd379b0120d8">
  <eb:SignalMessage>
    <eb:MessageInfo>
      <eb:Timestamp>2019-08-08T12:58:25.744</eb:Timestamp>
      <eb:MessageId>f51b4db3-5670-4af9-b62d-02369f84d8a7 @phase4</eb:MessageId>
      <eb:RefToMessageId>7fb6386e-aacd-4af6-bf78-bcbb3d5cb3f1 @mindertestbed.org</eb:RefToMessageId>
      </eb:MessageInfo>
      <eb:Receipt>
        <ebbp:NonRepudiationInformation>
        <ebbp:MessagePartNRInformation>
```



```
<ds:Reference URI="#phase4-msg-7fd3be05-d674-4b12-83f2-e3dc4b06348a">
<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>sZL+d4Umi+2dV/6C9+9M9DeI/dqLJX1zVLJPk73WXeM=</ds:DigestValue>
</ds:Reference>
</ebbp:MessagePartNRInformation>
<ebbp:MessagePartNRInformation>
<ds:Reference URI="#id-c3449366-b658-4a18-ba54-ead6a3f552c1">
<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>mRucsuMSkn2qfzo09frh2oSsJjm2n+fhMM9QTV8TIM=</ds:DigestValue>
</ds:Reference>
</ebbp:MessagePartNRInformation>
<ebbp:MessagePartNRInformation>
<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/xmlenc#sha256"/>
<ds:DigestValue>yqDt8JU9CgV+e+tbfUO3wVj/I811CUMDvel8LpSJ14o=</ds:DigestValue>
</ds:Reference>
</ebbp:MessagePartNRInformation>
<ebbp:MessagePartNRInformation>
<ds:Reference URI="cid:custompayloadP1@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/xmlenc#sha256"/>
<ds:DigestValue>rbkJ3EW1dZnrppqPdQFX9Sthtj6oH8uvCfakiMmZjv8=</ds:DigestValue>
</ds:Reference>
</ebbp:MessagePartNRInformation>
<ebbp:MessagePartNRInformation>
<ds:Reference URI="cid:custompayloadP2@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/xmlenc#sha256"/>
<ds:DigestValue>5npRyJVCbmjhvjnolc0mqVirCuqtxWgv8SK1hch6BK=</ds:DigestValue>
</ds:Reference>
</ebbp:MessagePartNRInformation>
</ebbp:NonRepudiationInformation>
</eb:Receipt>
</eb:SignalMessage>
</eb:Messaging>
2019-08-08 12:58:20,760: INFO - =====
2019-08-08 12:58:20,765: DEBUG - Assign free vars
2019-08-08 12:58:20,770: INFO - > CALL SLOT as4-adapter|8.sendResponse(byte[])
2019-08-08 12:58:20,777: INFO - < SLOT CALLED as4-adapter|8.sendResponse(byte[])
2019-08-08 12:58:20,782: INFO - < Rivet finished sucessfully
2019-08-08 12:58:20,788: INFO - -----

2019-08-08 12:58:20,793: INFO - > RUN RIVET 4
2019-08-08 12:58:20,798: DEBUG - > Wait For Signal:genericAS4Corner4|8.receiveMessage(esens.wp6.esensMshBackend.SubmissionData)
2019-08-08 12:58:21,914: DEBUG - < Signal Arrived: genericAS4Corner4|8.receiveMessage(esens.wp6.esensMshBackend.SubmissionData)
2019-08-08 12:58:21,923: DEBUG - Assign free vars
2019-08-08 12:58:21,928: INFO - > CALL SLOT NULLADAPTER.NULLSLOT
2019-08-08 12:58:21,933: INFO - < SLOT CALLED NULLADAPTER.NULLSLOT
2019-08-08 12:58:21,939: INFO - < Rivet finished sucessfully
2019-08-08 12:58:21,944: INFO - -----

2019-08-08 12:58:21,949: INFO - > RUN RIVET 5
2019-08-08 12:58:21,954: DEBUG - > Wait For Signal:genericAS4Corner1|8.processNotification(esens.wp6.esensMshBackend.MessageNotification)
2019-08-08 12:58:22,078: DEBUG - < Signal Arrived: genericAS4Corner1|8.processNotification(esens.wp6.esensMshBackend.MessageNotification)
2019-08-08 12:58:22,085: DEBUG - Assign free vars
2019-08-08 12:58:22,090: INFO - > CALL SLOT NULLADAPTER.NULLSLOT
2019-08-08 12:58:22,096: INFO - < SLOT CALLED NULLADAPTER.NULLSLOT
2019-08-08 12:58:22,101: INFO - < Rivet finished sucessfully
2019-08-08 12:58:22,106: INFO - -----

2019-08-08 12:58:22,111: INFO - Test #29793 Finished
```