

Week 2 Unit 5: Asynchronous Communication

Asynchronous Communication

Expected messages

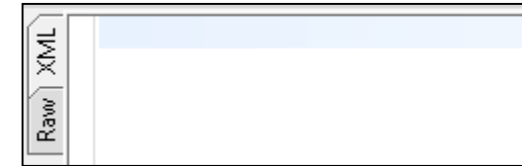
Goals

Run the Splitter/Gather scenario asynchronously (using real data) and store reply on SFTP server

Input Message

```
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/">
  <soapenv:Header/>
  <soapenv:Body>
    <demo:OrderList_MT>
      <!--Zero or more repetitions:-->
      <orders>
        <orderNumber>10248</orderNumber>
        <customerName?</customerName>
        <orderAmount?</orderAmount>
        <currency?</currency>
        <taxAmount?</taxAmount>
      </orders>
      <orders>
        <orderNumber>10249</orderNumber>
        <customerName?</customerName>
        <orderAmount?</orderAmount>
        <currency?</currency>
        <taxAmount?</taxAmount>
      </orders>
      <orders>
        <orderNumber>10250</orderNumber>
        <customerName?</customerName>
        <orderAmount?</orderAmount>
        <currency?</currency>
        <taxAmount?</taxAmount>
      </orders>
    </demo:OrderList_MT>
  </soapenv:Body>
</soapenv:Envelope>
```

Output Message



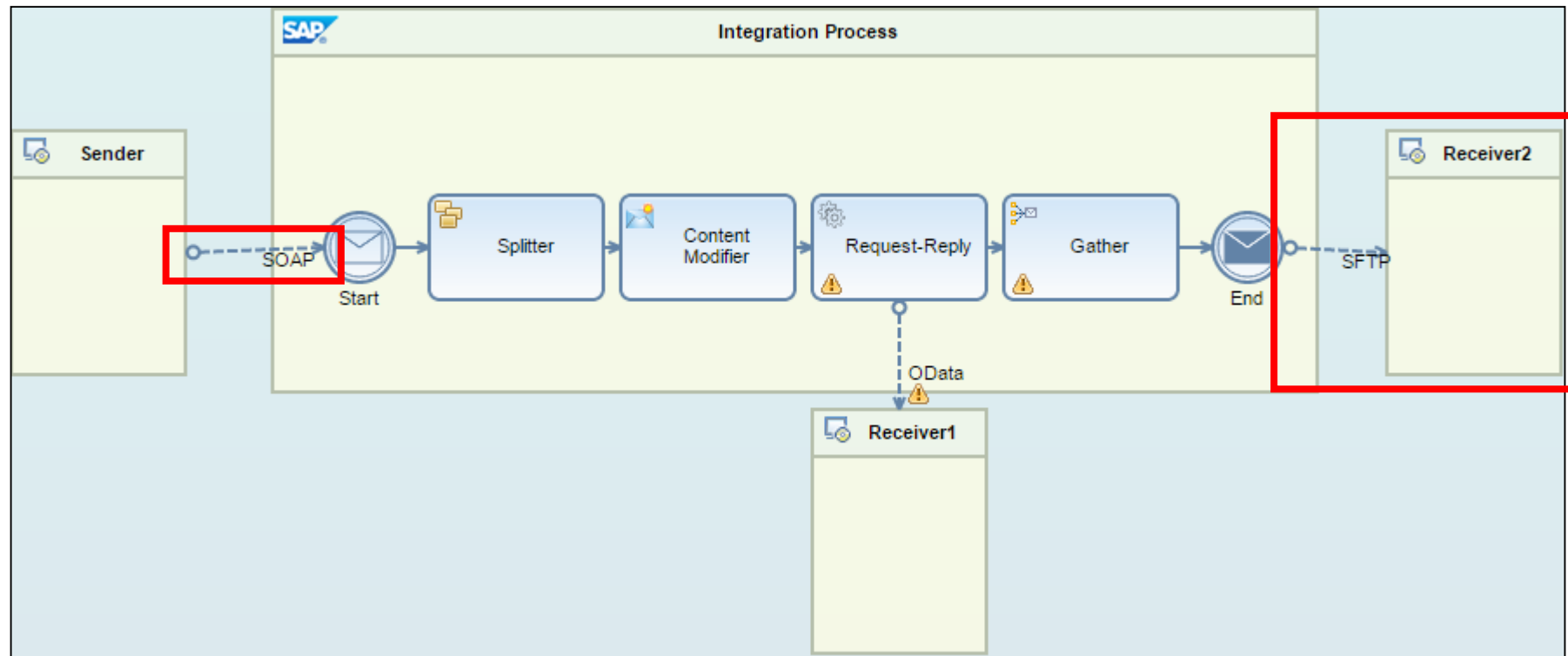
| Header | Value |
|----------------|---------------------------------|
| Date | Tue, 04 Aug 2015 15:11:26 GMT |
| Content-Length | 0 |
| #status# | HTTP/1.1 202 Accepted |
| Set-Cookie | JSESSIONID=D7893DB3909E1D2DA |
| Set-Cookie | JTENANTSESSIONID_aaio005=5xQl |
| Set-Cookie | BIGipServeriflmapdm102aaio005av |
| Server | SAP |

Asynchronous Communication

Asynchronous integration flow

Goals

Run the Splitter/Gather scenario asynchronously (using real data) and store reply on SFTP server

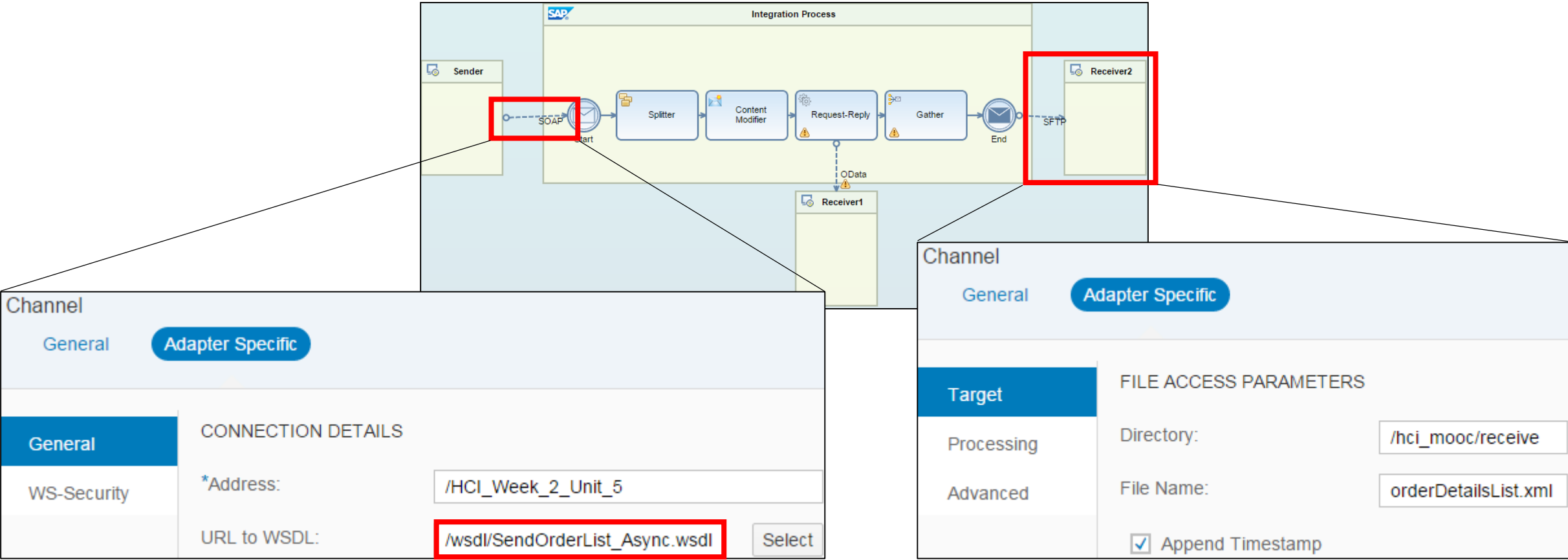


Asynchronous Communication

Configuration of an asynchronous scenario

Goals

Run the Splitter/Gather scenario asynchronously (using real data) and store reply on SFTP server



Asynchronous Communication

Demo

DEMO

Asynchronous
Communication



Asynchronous Communication

What you've learned in this unit

- How to benefit from asynchronous message processing in your SAP HANA Cloud Integration-based scenarios
- What is necessary to configure the SOAP channel correctly to deliver messages asynchronously to the SAP HCI server
- How to add an asynchronous receiver to your integration flow
- How to track message handling within SAP HANA Cloud Integration using the Message Monitor





Thank you

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