

Week 2 Unit 3:

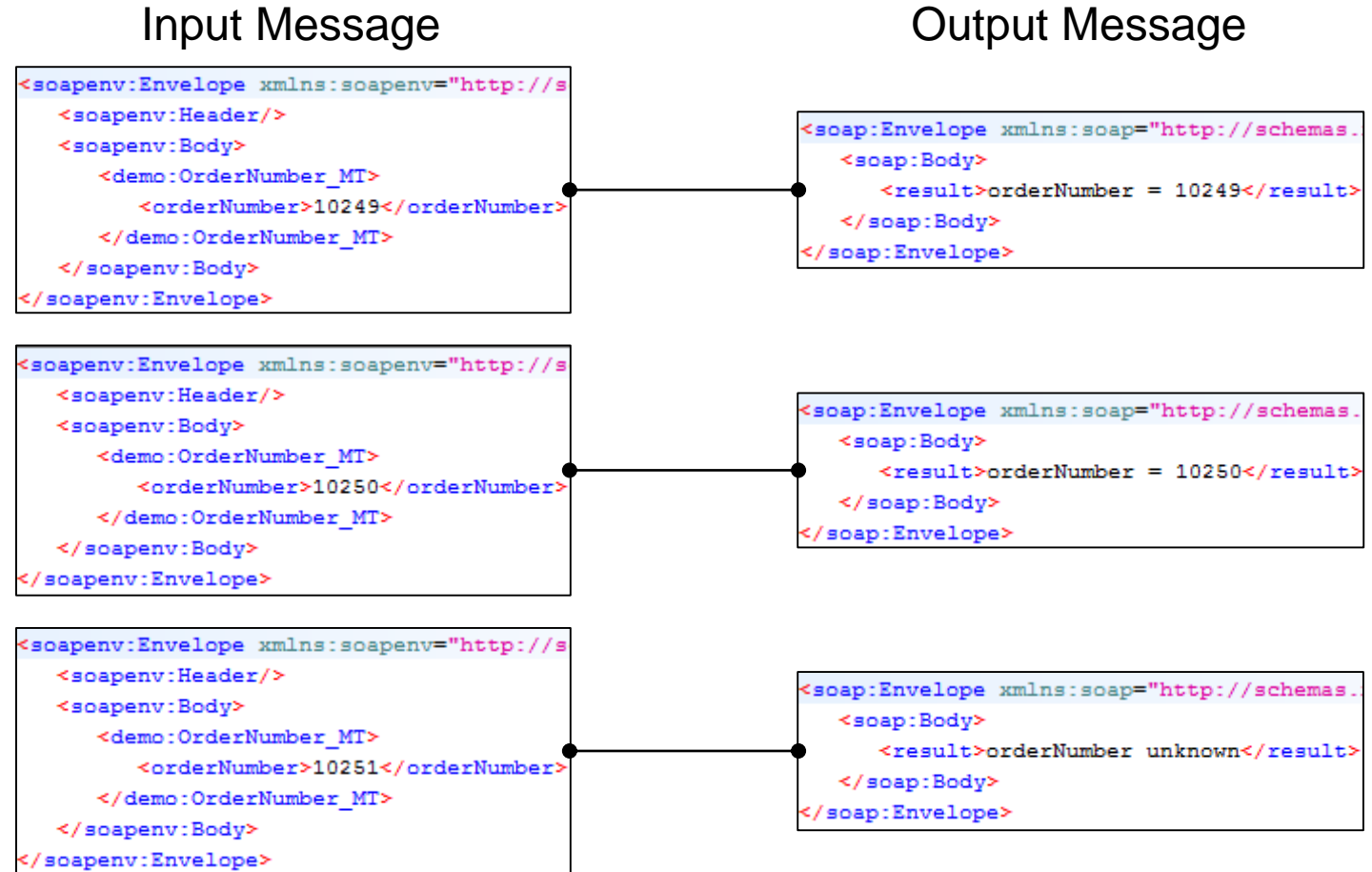
Content-Based Routing

Content-Based Routing

Expected messages

Goals

Routing messages
based on their content

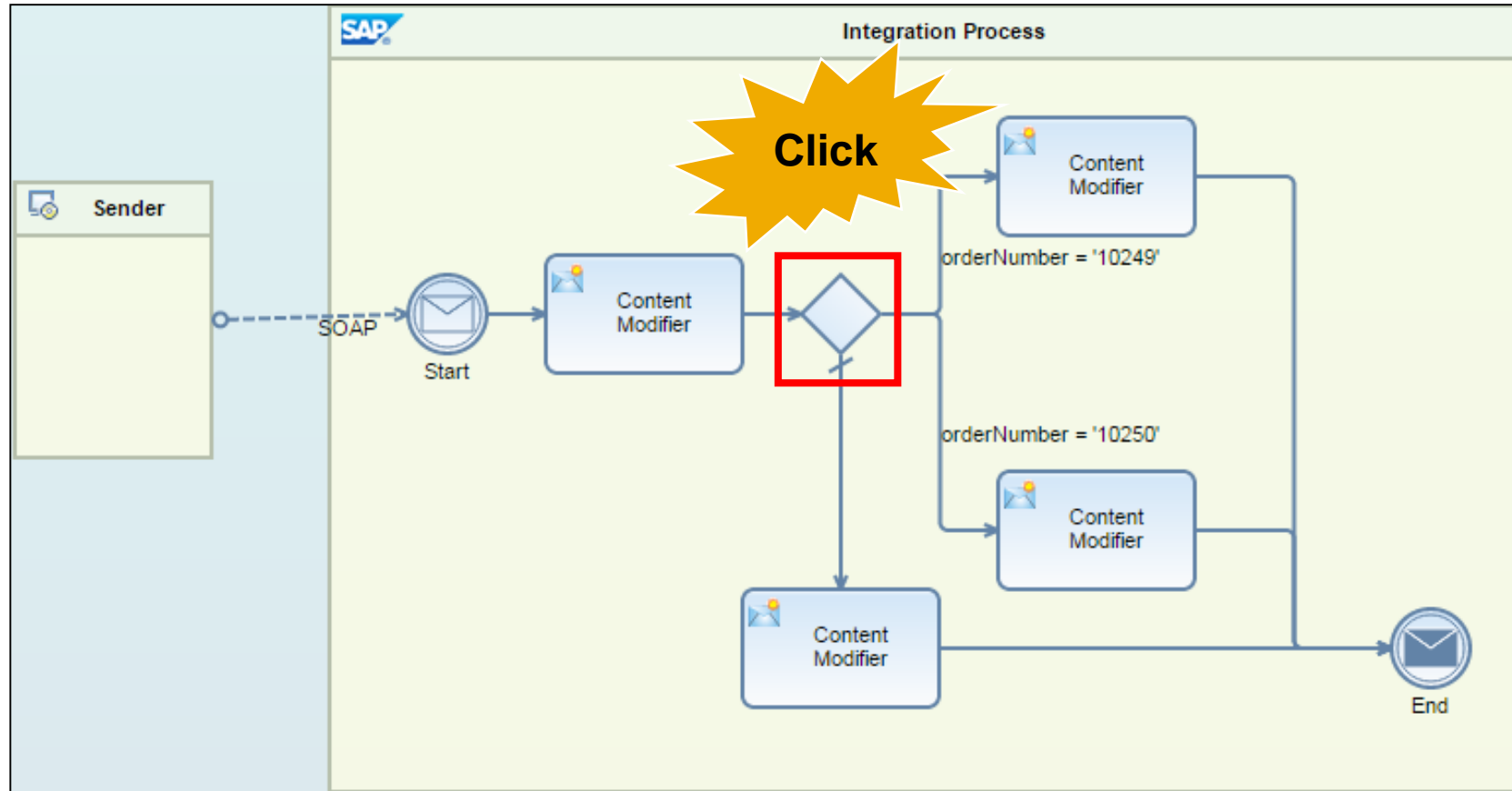


Content-Based Routing

Integration flow with content-based router

Goals

Routing messages based on their content



Content-Based Routing

Configuration of content-based router (1)

Goals

Routing messages based on their content

Gateway

Routing Behavior

Behavior of gateway when no receiver is found ☒ Raise Alert ☐ Throw Exception

Routing Condition

Order	Route Name	Condition Expression	Default Route
1	orderNumber = "10249"	//orderNumber = '10249'	<input type="checkbox"/>
2	orderNumber = "10250"	\${header.OrderNo} = '10250'	<input type="checkbox"/>
3			<input checked="" type="checkbox"/>

Content-Based Routing

Configuration of content-based router (2)

Goals

Routing messages based on their content

Route

Conditions defined for this route

Name:

Expression Type:

XML

▼

Condition:

☐ Default Route

Route

Conditions defined for this route

Name:

Expression Type:

Non-XML

▼

Condition:

☐ Default Route

Content-Based Routing

How to resolve overlapping conditions

Goals
Routing messages based on their content

Gateway

Routing Behavior

Behavior of gateway when no receiver is found ☐ Raise Alert ☐ Throw Exception

Routing Condition

Order	Route Name	Condition Expression	Default Route
1			<input checked="" type="checkbox"/>
2	orderNumber = '10250'	<code>\${header.OrderNo} = '10249'</code>	<input type="checkbox"/>
3	orderNumber = '10249'	<code>//orderNumber = '10249'</code>	<input type="checkbox"/>

Overlapping Conditions

Content-Based Routing

Demo

DEMO

Content-Based Routing



Content-based Routing

What you've learned in this unit

- How to apply the content-based router (CBR) step in your SAP HANA Cloud Integration (HCI-)based scenarios
- What is necessary to configure the CBR step in your message processing chain correctly
- How to use either XML or non-XML expressions to formulate the criteria by which the selection of the right execution path is calculated
- How to influence the execution sequence of the expressions to find the right path





Thank you

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