



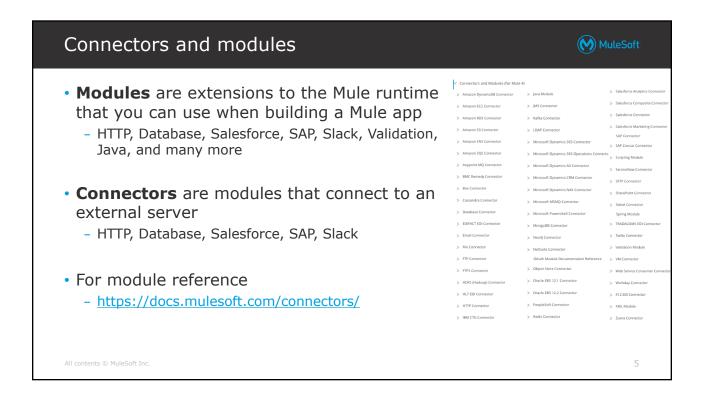
At the end of this module, you should be able to

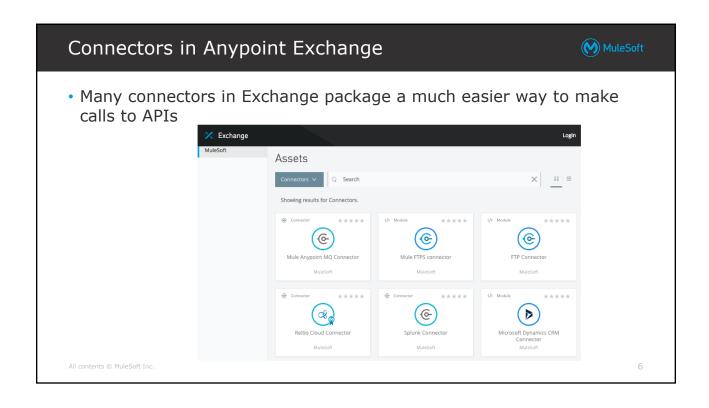


- Consume web services that have a connector in Anypoint Exchange
- Consume RESTful web services
- Consume SOAP web services
- Pass parameters to SOAP web services using the Transform Message component
- Transform data from multiple services to a canonical format

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Connector types specify creator and support level



 The type of selector is specified in its tags on Exchange



	Premium	Select	MuleSoft Certified	Community
Additional cost	Х			
Updated APIs	Х	х		
Fully tested	Х	х		
MuleSoft Support	Tier 1-3	Tier 1-3	Tier 1 (From developer: T2/T3)	Tier 1
Connector examples	HL7 SAP Siebel	Salesforce Workday	AS/400 Oracle JD Edwards Microsoft Azure Storage	LinkedIn Slack

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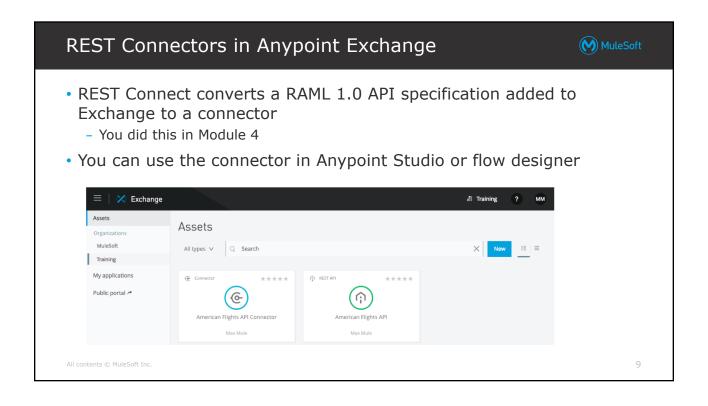
Connector support levels

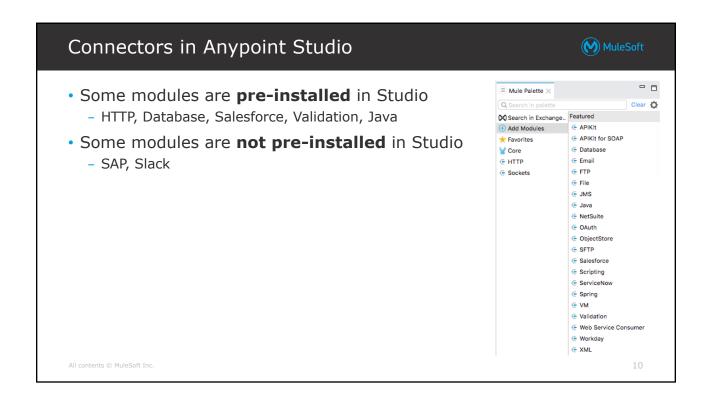


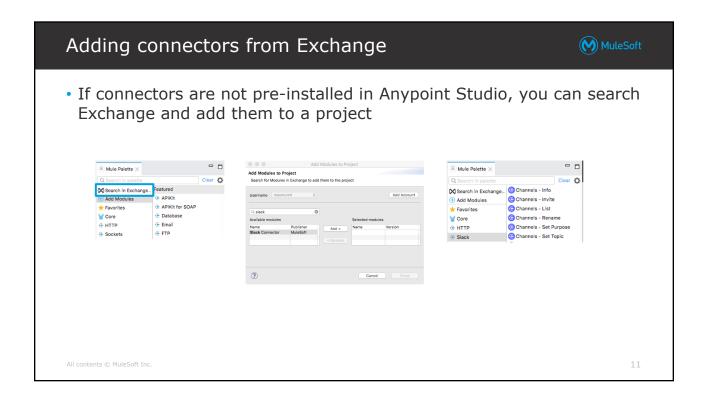
- Tier 1
 - MuleSoft will isolate the problem and diagnose it
- Tier 2
 - MuleSoft will find a workaround
- Tier 3
 - MuleSoft will fix the code

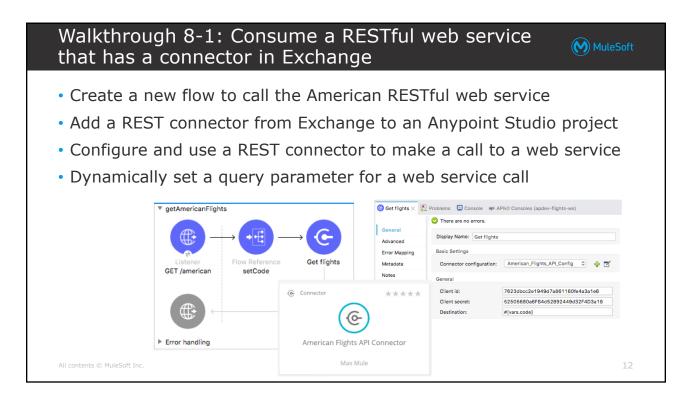
	Premium	Select	MuleSoft Certified	Community
Not included in Platform license	х			
Tier 2-3 Support	×	х		
Tier 1 Support	х	Х	х	х

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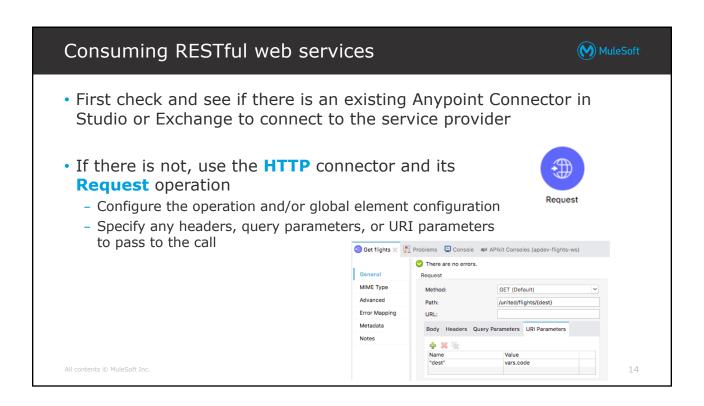


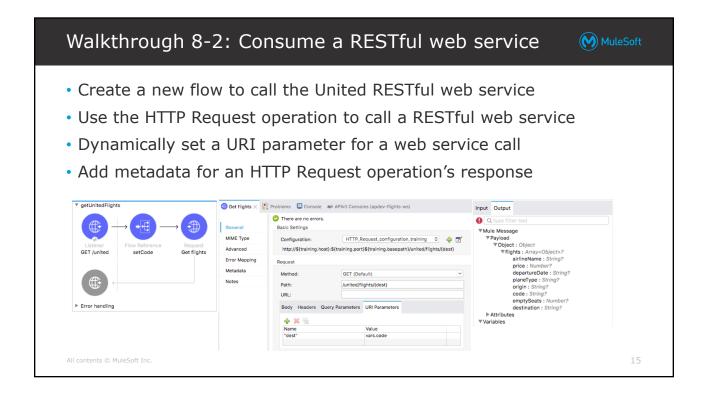




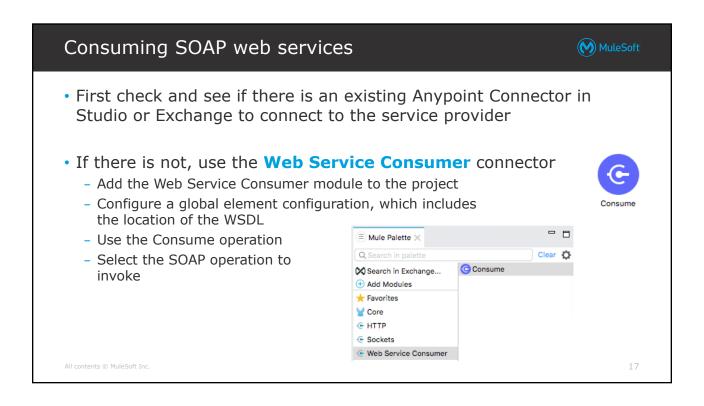














Walkthrough 8-3: Consume a SOAP web service MuleSoft Create a new flow to call the Delta SOAP web service Use the Web Service Consumer connector to call a SOAP web service Use the Transform Message component to pass arguments to a SOAP web service □ □ Output Payload 🕶 🖶 🧪 📋 \square ▼Xml<findFlight> output application/xml ns ns0 http://soap.tra **▼**Variables ▼findFlight : Object nsO#findFlight: { destination: vars.code as String ► Attributes : Object All contents © MuleSoft Inc 19



Combining data from multiple services



- Data from different services is pretty much always going to be in different formats
- To combine the data sets, you need to transform each of them to a canonical, or standard format
 - In this module, you will use a Java class as the canonical format
 - In module 11, you will learn to use the DataWeave format as a canonical format

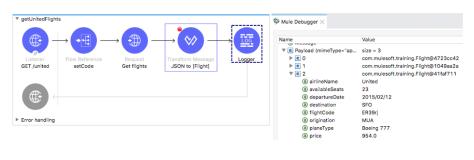
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Walkthrough 8-4: Transform data from multiple services to a canonical format



- Define a metadata type for the Flight Java class
- Transform the results from RESTful and SOAP web service calls to a collection of Flight objects



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Summary



- To consume a web service, first look to see if it has a connector in Anypoint Exchange
 - Easiest way to consume a web service
- Use the HTTP Request operation to consume any REST web service
 - With or without URI parameters and query parameters
 - With or without a RAML definition
- Use the Web Service Consumer connector to consume any SOAP web service
- Use the Transform Message component to pass arguments to SOAP web services

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