



Mediation

JSON to XML, XML to JSON



- Used to convert a JSON payload to XML or an XML payload to JSON
- Convenient if the backend is XML and a JSON REST API is needed
- There are several “out of the box” types of conversion available
- Policy can be used at any point in the proxy

XSL Transform



- Applies a custom XSLT to an XML payload
- This allows the transformation to another format such as XML, HTML, etc
- Policy can only be used if the “Content-Type” is XML
- Policy can be used at any point in the proxy

SOAP Message Validation



- Used to validate an XML message against an XSD schema
- Validate SOAP messages against a WSDL
- Confirm message is well-formed
- Policy can be used at any point in the proxy

Assign Message



- Creates or modifies HTTP request or response messages
- Used to modify the request message before it is sent to the back end
- Used to modify the response message before it is sent to the client
- Used to create/modify custom request/response objects for a Service Callout policy
- Used to create and modify flow variables
- Policy can be used at any point in the proxy
- One of the most used policies

Extract Variables



- Used to extract data from a variable
- Often, that variable is the HTTP Request or Response
- Headers, URI paths, form/query parameters, JSON/XML payloads can be extracted using this policy
- Use a text pattern to extract the data
- Policy can be used at any point in the proxy
- One of the most used policies

Raise Fault



- Raises a “fault” in a proxy
- A technique to force the execution of FaultRules
- Could also be used to send an error response back to the client
- Policy can be used at any point in the proxy

Access Entity



- Retrieves entity profiles configured in Edge
- Use this policy to retrieve metadata from:
 - App
 - API Product
 - Company
 - Company developer
 - Consumer Key
 - Developer
- Policy can be used at any point in the proxy

Key Value Map (KVM) Operations



- Provides access to a Key Value Map store in Edge
- Supports PUT, GET, DELETE operations
- The creation of the KVM is done in a different step
 - Management UI (APIs → Environment Configuration)
 - Management API
- Policy can be used at any point in the proxy



Thank You