

Data Sheet

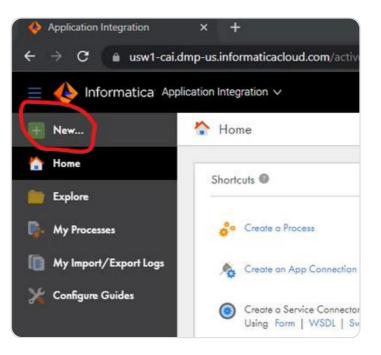
# CAI Process to Perform PATCH Update on the Records in MDM

Implementation of External API calls

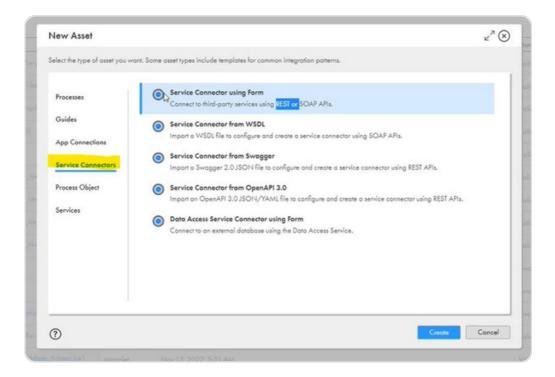
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#### Building the service connector

- Go to Application Integration Service.
- Click on 'New.'



Create a new Service Connector.





Note: Select Service Connector using Form, if the service connector is being implemented for REST or SOAP endpoints.

• In the 'Definition' section, assign the Connection Properties. In the below example, Name and Test With properties are assigned.

Name:	Description	Test With	Type	Required	Encrypt	
Connection Proper	les					
Agent Only:	0					
Description:		2				
Location.*	Anjali_Project/Anjali_Assests	Browse				
Name.*	sc_patch_anjali_be_person	(Unpublish connector to edit name)				
Definition Actions	Process Objects					

• In the 'Action' section, assign the action name & the category.

ction Name	Action Type	Description
atch_update	general	
Action Input I	patch_update	
Category:	PATCH	
Fail on HTTP error:	•	
Max Redirects:	100	
Response Encoding:	Default from response he: -	
Response Encoding: Preemptive Auth	Default from response her 🗸	



Note: Select Service Connector using Form, if the service connector is being implemented for REST or SOAP endpoints.

• Go to the 'Input' section and define the Input Fields. Below is the example oft the same.

Actions (1)						
tion Name						-
	Action Type		Description	n		-
tch_update	general					×
per l'elles						+
	Type Requi	ired Description		Paramete	r Test with	÷
Name" Label	Text 💌 💼	ired Description				
Name" Label		ired Description	Å	Paramete	r Test with akbP7j2b0UYM2NvrGINUD	+
	Text 💌 💼	ired Description	A			

- Go to the 'Binding' section and define the REST Endpoint in the URL column and the highlighted fields.
- Go to the HHTP Headers and define the Headers. You can refer to the same from the POSTMAN Headers.

Action Type general Test Results http://doi.up.vit.entty.targali_be_person(Strusinessid)? default.system	Description		>
Test Results hytycolic logo / timethytanjal_be_person (\$businessid)?	20		``````````````````````````````````````
ihripubliciapiiv1ienthyianjali_be_person([Sbusinessid]? .default.system			
	A 60		
d v			
d <b>v</b>			
		s	how Advanced
			+
		5.	×
		6	



HTTP Headers			+
Name*	Source		
IDS-SESSION-ID	(SsessionId)	<u>م</u>	×
Accept I Name	application/json	" <mark>50</mark>	×
Content-Type	application/json	" <mark>/</mark>	×
Binding Type Custom V			
Body (\$body)			
(\$body)			
			5

• Finally, in the 'Output' section, define the success and the failure messages.

	ns Process Objects		
Action			
tion Name		Action Type	Description
tch_update		general	
	Binding Output Test Results		
Output Fields	Binding Output Test Results	Description	Get From
output Fields Name"		Description	
output Fields Name"	Туре	Description	Get From
Dutput Fields Name" successMes	Type Text V	Description	

• Go to 'Test Results'. Test the service connector on the cloud. If you get 200 Successful responses, the service connector is working as expected.

ction Name		Action Type	Description
atch_update		general	
Action Input	Binding Output	Test Results	
Result:	Successful.		
HTTP Status:	200		
URL: Output Fields	https://usw1-mdr entity/public/api/ sourceSystem=c	n.dmp-us.informaticacloud.com/business- r1ienity/anjail_be_person/MDM00000016V7K? 360.default.system	
Output			Value
successMes			\$D0
failureMes			200
	yload:		
▼ Response Pa			
▼Response Par			



#### Building the app connection

- Go to 'New', create an app connector.
- Define the Name, Type, Run On, and the connection properties which are defined in the service connector.

erties Metadata			
Connection Detai	Is		
Name:	appcon-patch-anjali-be-person	(Unpublish connection to edit name)	
Location:	Anjali_Project/Anjali_Assests	Browse	
Description:	Anjali_Project > Anjali_Assests > sc_patr	.∉ hjqnjali_be_person v	
Run On:		~ ~	
Connection Test:	Not Supported		
OData-Enabled:	Not Supported		
Connection Prop	erties		
Name	Value		Description
host *	https://usw1-mdm.dmp-us.informaticacl	oud.com	

#### **Building the CAI process**

• Go to 'New', create a Process. Below is a sample CAI Process. Assign a name to the Process.

Design								
Assign								
*• Service			responseStat us	Contains 200	Success			
Subpr	Start	service_patch	us	$\langle$				End
	-			1			/	
(†				Otherwise	Assignment	ment		
Create				Otherwise	Assignment	ment		
Create				Otherwise	Assignment	ment		
Create		*		Otherwise	Assignment	ment		
Create		*		Otherwise	→ 🙌 Error Assignm			
Create Beceive	ili_be_person Prope			Otherwise	→ B Assign			
Create Receive p_patch_anja				Otherwise	→ BC Assign			
Create		rfies	person	Otherwise	B assignment of the second			
Create Beceive	Step Type:	rties Start		Otherwise	→ B Fror Assignm	7	••••	



• Add a Service Transformation. In the Service tab, assign the Service Type, Connection, & Action.

General	Service Type:	Connection	-
Service	Connection:	Anjali_Project > Anjali_Assests > appcon-patch-anjali-be-person	-
nput Fields	Action:	patch_update	•
Fault Handling	Description		

• In the Input fields, define the Input which was created in the service connector and assign the appropriate value to the same. Below is an example of the same.

Design						_
🍬 service_patch	Properties					
General	Input Fields (3)					
Service	Name	Required	Value			
Input Fields	sessionId	2	Field	~	sessionId +	
Fault Handling	businessId		Field	~	businessId 👻	
limer Events	body		Formula	~	1	
Message Events						

an expression with fields and operators. Fields Functions XML Objects	Expression	A A Q
businessId Current User lastName sessionId	<pre>1 '[ 2 { 3 "op":"replace", 4 "path":"lname", 5 "value":"' [\$input.lastName] '" 6 } 7 ]'</pre>	



• Add a Decision Transformation and define the Success and Failure Path.

General	Field:	successMes J	)	
Decision	Paths		78	
	Path	Condition		Value

• Add an Assignment Transformation and assign the Failure Message.

B Error Assignme	nt Properties		•	080
General				۲
Assignments	Field	Assigned Using	From	
	failure.Mes	Field v	follureMes 💌	8

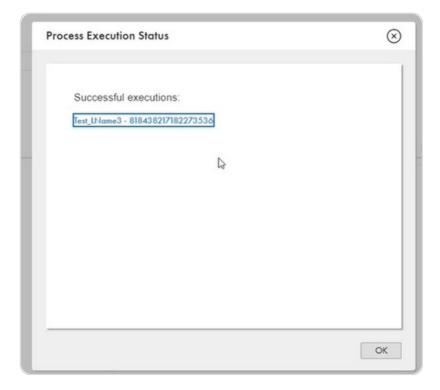
#### **Test the Process**

- Go to Properties and choose Run Using
- Create a Sample Input with the defined variables.

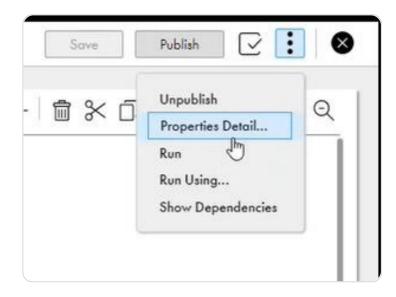
Process Input Collection		New Input
Select the input to run the process with		
Test_UName2	· •	
Process Objects	Process Input	Encoding: JSON v See AL See 3 2 1
rocess Objects	Process Input {     "secion(d1)"sd4D2xd7x865407byx470x*,     "Sorthanwait", "MDM0000007DawY4* ]	Encoding: (3011 v) See AL. Som D 🖀   C



• Click on run, and check if you are getting the below output.



• Once the Run is successful, click on the Property Details to download the Swagger file to be used.





CAI Process to Perform PATCH Update on the Records in MDM

ernes beran for	· p_patch_anjali_be_person	
sic		
Unique Name:	p_patch_anjali_be_person	
Location:	Anjali_Project\Anjali_Assests	
Publication Status:	V Published	
Published On:	2023-03-08 18:22	
Published By:	anjali.ld	
Applies To:	* Any *	
dpoints Service URL:	https://usw1-coi.dmp-us.informaticacloud.com/active- bpel/public/tt/3SDpaEMKQL1IG5UlaQaRwv/p_patch_anjali_be_person "View Swagger File" "View OpenAPI 3.0 File"	Сору
SOAP Service URL:	https:/ <sup>H</sup> sw1-cai.dmp-us.informaticacloud.com/active- bpel/public/soap/3SDpoEMKQL1IG5UIaQaRwv/p_patch_anjali_be_per son <u>"View WSDLFile"</u>	Сору

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### About LumenData

LumenData is a leading provider of Enterprise Data Management, Cloud & Analytics solutions. We help businesses navigate their data visualization and analytics anxieties and enable them to accelerate their innovation journeys.

**Founded in 2008,** with locations in multiple countries, LumenData is privileged to serve over 100 leading companies. LumenData is **SOC2 certified** and has instituted extensive controls to protect client data, including adherence to GDPR and CCPA regulations.



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