

github: <https://github.com/juliopari/ibm-datapower-mpg-calculadora>

Configure Multi-Protocol Gateway

General | Advanced | Subscriptions | Policy | SLA Policy Details | Stylesheet Params | Headers | Monitors | WS-Addr

Apply | Cancel | Delete

Export | View Log | View Status | Show Probe | Validate Conformance | Help

Multi-Protocol Gateway status: [up]

General Configuration

Multi-Protocol Gateway Name

CalculadoraMPG *

Summary

Type

- dynamic-backends
- static-backend *

XML Manager

default + ... *

Multi-Protocol Gateway Policy

CalculadoraMPG_Policy + ... *

URL Rewrite Policy

(none) + ...

Back side settings

With a dynamic proxy back end type, the back end server address and port are determined by a stylesheet in a policy action.

Front side settings

Front Side Protocol

CalculadoraMPG_HTTPHandler (HTTP Handler) X

*

User Agent settings

Match	Property
-------	----------

Note: To edit the User Agent, please access via the XML Manager above.

SSL client type

Proxy Profile

SSL proxy profile (deprecated)

(none) + ...

Response Type

- JSON
- Non-XML
- Pass through
- SOAP
- XML

Request Type

- JSON
- Non-XML
- Pass through
- SOAP
- XML

Back attachment processing format

- Dynamic
- MIME
- DIME
- Detect

Back Side Timeout

seconds *

Stream Output to Back

- Buffer Messages
- Stream Messages

HTTP Version to Server

- HTTP 1.0
- HTTP 1.1

Propagate URI

- on off

Compression

- on off

Enable Backside Payload Decompression

- on off

Front attachment processing format

- Dynamic
- MIME
- DIME
- Detect

Front Side Timeout

seconds *

Stream Output to Front

- Buffer Messages
- Stream Messages

Front Side (HTTP Handler)

Configure HTTP Handler

Main

HTTP Handler: CalculadoraMPG_HTTPHandler [up]

Apply Cancel Undo

[Export](#) | [View Log](#) | [View Status](#) | [Help](#)
[Quiesce](#) | [Unquiesce](#)

Administrative state

enabled disabled

Comments

Local IP address

 [Select Alias](#) *

Port

 *


HTTP version to client

 ▼

Allowed methods and versions

- HTTP 1.0
- HTTP 1.1
- HTTP/2
- POST method
- GET method
- PUT method
- PATCH method
- HEAD method
- OPTIONS
- TRACE method
- DELETE method
- Custom methods
- URL with ?
- URL with #
- URL with ..
- URL with cmd.exe

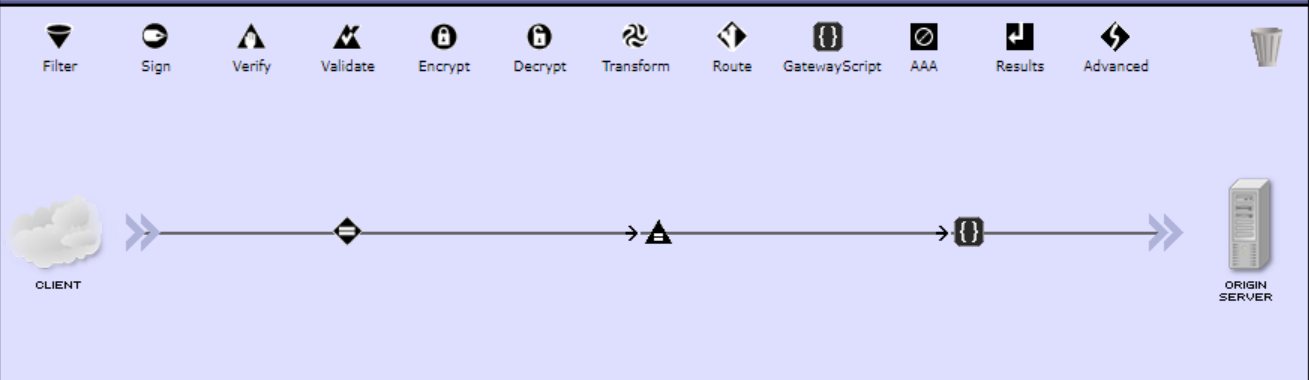
MPG - Policy

 Configure Multi-Protocol Gateway Style Policy

Policy:
 Policy Name: *
 [Export](#) | [View Log](#) | [View Status](#) | [Close Window](#) |

Rule:
 Rule Name: Rule Direction:

Create rule: Click New, drag action icons onto line. Edit rule: Click on rule, double-click on action.



The diagram shows a horizontal flow from a cloud icon labeled 'CLIENT' on the left to a server rack icon labeled 'ORIGIN SERVER' on the right. Above the flow line are several action icons: a diamond with a vertical line (Filter), a circle with a vertical line (Sign), a triangle with a vertical line (Verify), a triangle with a vertical line and a checkmark (Validate), a padlock (Encrypt), a padlock with a slash (Decrypt), a circular arrow (Transform), a diamond with a vertical line and a checkmark (Route), a square with a vertical line and a checkmark (GatewayScript), a square with a vertical line and a checkmark (AAA), a square with a vertical line and a checkmark (Results), and a square with a vertical line and a checkmark (Advanced). A trash can icon is on the far right.

Configured Rules						
Order	Rule Name	Direction	Actions			
	CalculadoraMPG_Policy_rule_sumar	Client to Server				delete rule
	CalculadoraMPG_Policy_rule_restar	Client to Server				delete rule
	CalculadoraMPG_Policy_rule_multiplicar	Client to Server				delete rule
	CalculadoraMPG_Policy_rule_dividir	Client to Server				delete rule

[Scroll to top](#)

DataPower Gateway IBM

Configure GatewayScript Action [Help](#)

Basic Advanced

Input

Input | *

Options

GatewayScript

GatewayScript file | *

Output

Output |

Configure Matching Rule

Main

Matching Rule: match_calculadora_sumar [up]

[Export](#) | [View Log](#) | [View Status](#) | [Help](#)

Administrative state enabled disabled


Comments


Rules

Matching type	HTTP header	HTTP value match	URL match	Error code	XPath expression	HTTP method	Custom method	
URL			/calculadora/sumar			Default		<input type="button" value="✎"/> <input type="button" value="✕"/>
HTTP method						POST		<input type="button" value="✎"/> <input type="button" value="✕"/>

Match with PCRE on off

Combine with Boolean OR on off

DataPower Gateway 


 **Configure Set Variable Action** [Help](#)

Basic Advanced

Input

Context | *

Options

 **Set Variable**

Variable Name |

Variable Assignment |

Asynchronous | on off

Postman

datapower-mpg-calculadora / calculadora-dividir

POST http://localhost:7019/calculadora/dividir

Params Authorization Headers (8) **Body** Pre-request Script Tests Settings

● none ● form-data ● x-www-form-urlencoded ● **raw** ● binary ● GraphQL **JSON** ▾

```
1 [
2   ... "numero1": 40,
3   ... "numero2": 10
4 ]
```

Body Cookies Headers (4) Test Results Security 🌐 Status: 200 OK

Pretty Raw Preview Visualize **JSON** ▾

```
1 [
2   "resultado": 4
3 ]
```

datapower-mpg-calculadora / calculadora-multiplicar

POST http://localhost:7019/calculadora/multiplicar

Params Authorization Headers (8) **Body** Pre-request Script Tests Settings

● none ● form-data ● x-www-form-urlencoded ● **raw** ● binary ● GraphQL **JSON** ▾

```
1 [
2   ... "numero1": 40,
3   ... "numero2": 10
4 ]
```

Body Cookies Headers (4) Test Results Security 🌐 Status: 200 OK

Pretty Raw Preview Visualize **JSON** ▾

```
1 [
2   "resultado": 400
3 ]
```

datapower-mpg-calculadora / calculadora-restar

POST ▼ http://localhost:7019/calculadora/restar

Params Authorization Headers (8) **Body** ● Pre-request Script Tests Settings

none form-data x-www-form-urlencoded raw binary GraphQL **JSON** ▼

```
1 {
2   ... "numero1": 40,
3   ... "numero2": 10
4 }
```

Body Cookies Headers (4) Test Results Security 🌐 Status: 200 OK

Pretty Raw Preview Visualize **JSON** ▼ ☰

```
1 {
2   "resultado": 30
3 }
```

datapower-mpg-calculadora / calculadora-sumar

POST ▼ http://localhost:7019/calculadora/sumar

Params Authorization Headers (8) **Body** ● Pre-request Script Tests Settings

none form-data x-www-form-urlencoded raw binary GraphQL **JSON** ▼

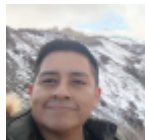
```
1 {
2   ... "numero1": 40,
3   ... "numero2": 10
4 }
```

Body Cookies Headers (4) Test Results Security 🌐 Status: 200 OK Time: 10

Pretty Raw Preview Visualize **JSON** ▼ ☰

```
1 {
2   "resultado": 50
3 }
```


Danny Valencia



Si te ha interesado este artículo y deseas un apoyo o asesoría en algún requerimiento, envíame un mensaje a: (danny.valencia@gmail.com) o sino a través de LinkedIn: <https://www.linkedin.com/in/dannyvalenciac/>
