

## MATRIZ DE PRUEBAS TÉCNICAS

ID iniciativa	Nombre de la iniciativa	Fecha	Nombre de quien coordina la prueba	Cargo
633106	Flujo Verde Google Pay	23/08/2024	Ricardo Hernández Esquivel	Desarrollador

		Resultado		
Criterios de aceptación		Aprobado	Pendiente	Observaciones
<div>➔      <b>Sql Injection</b></div> <div><ul style="list-style-type: none"><li>En las apis LifeCycleNotifications, AuthMethods y SelectedMethods se realizaron validaciones en cada uno de los campos del body request, para tipo de dato y longitud evitando así vulnerabilidades por SQL Injection.</li></ul><div><div>○      <u><b>Api LifeCycleNotification</b></u></div><div><div>▪      JSON Body Request:</div><div><pre>{   "requestID": "TSP166386572341",   "institutionCode": "AGRIC-180",   "vaultIdentification": "VTS",   "walletID": "4BH1-BQVW-9U6L-IMDU",   "tokenRequestorID": "40010075001",   "tokenRefID": "DNITHE413226560923471800",   "PANRefID": "V-4623270735441413459781",   "tokenType": "COF",   "dateTime": "2023-06-13T22:43:15.000",   "event": "CREATED",   "deviceInfo": {     "deviceID": "000000000000000004437188"   },   "encryptedCardInfo": {     "algorithm": "aes-gcm128",     "iv": "4890243B82766007917E19BB",     "encryptedData": "pt+rfoRSHt5e/rjD25dDOAIYQ1NGGvrv9Ab307RjmhapbJrYH56kapbdeLft0Q6/F3mtV3qsoTkmFAGzrZW4gtsBKtwlvpBzycvEEYaM3mj70NYyC1YbllHLo3H6j4rvx8WBjDaMYu9hscqTai0ZWcWzicucvLUW+g==",     "MACLength": 16   },   "processID": "383346699928845",   "encryptedTokenInfo": {     "algorithm": "aes-gcm128",     "iv": "69C12EC571F41812F165350A",     "encryptedData": "xhqvKS0Cax0fm88glZV+Tqh7k9wFS0th+5YObNcQPJQIM2sOReusvqwwhhxe46SQ6jqquo2Wuj+f4CF Evk8X4q+wY5FqXyQfK8t+9fwMonIM6YvGndOfRrMky+x9X+ue0fhIbtelVTT/DqmVeNtZ8Rqux79d9mLmsLW6i1EPSfdP/4wJLRsg/gG+bjmRf0KEWTkykJgkAEqo2Z8jb6j0gpNRbw/I91uj3Q1JhzSrtsMS8RQQcdmVIDnOKKj4q0OCw3ujn453eSxV27e0VMawGAw5OYPSPxTsPaQ96qoiXE6A4z4naDE2LrXCykvkeS3OYSv49FW9dJtgbJ0wCZ6mHYz5UVNmfJL9eMB3dd/LpFpZGgU4+ecbbZausqunqrvymwN+nQ1zGr1JMboN9fqyugTK2WNNQzY5HUiilO6F6HtgJrfrm56/3UEHuLgleOfihpKsHGjqcnmMOQs7CYu/ozlUr4EkzrllmiBpui9C+2F2eE0bLy8w0q+GWSr7L4DbE=",     "MACLength": 16   } }</pre></div></div></div></div>				
<div>➤      <b>Validación campo “requestID” (returnCode 05)</b></div> <div><div><b>Nomenclatura correcta:</b> <b>TSP1663865723413</b></div><div><div><b>Composición:</b></div><div><div>✓      <b>Comenzar con TSP</b></div><div>✓      <b>Contener de [1, 61] dígitos</b></div></div></div><div><ul style="list-style-type: none"><li>Request:</li></ul></div></div>				

Params Auth Headers (8) Body • Scripts Settings Cookies

raw JSON Beautify

```

1 {
2   "requestID": "TSP166386572341!",
3   "processID": "383346699928845",
4   "institutionCode": "AGRIC-180",
5   "vaultIdentification": "VTS",
6   "walletID": "4BH1-BQVW-9U6L-IMDU",
7   "tokenRequestorID": "40010075001",
8   "tokenRefID": "DNITHE413226560923471800",
9   "PANRefID": "V-4623270735441413459781",
10  "tokenType": "COF",
11  "dateTime": "2023-06-13T22:43:15.000",
12  "event": "CREATED",
13  "deviceInfo": {}

```

- Response:

Body Cookies Headers (15) Test Results 200 OK 234 ms 608 B Save as example

Pretty Raw Preview Visualize JSON

```

1 {
2   "returnCode": "05",
3   "processID": "",
4   "requestID": "",
5   "additionalMessage": "Error al obtener respuesta del servicio"
6 }

```

➤ Validación campo “processID” (returnCode 05)

Nomenclatura correcta: **302265609234520**

Composición:

✓ Contener de {1, 64} dígitos

- Request:

Params Auth Headers (8) Body • Scripts Settings Cookies

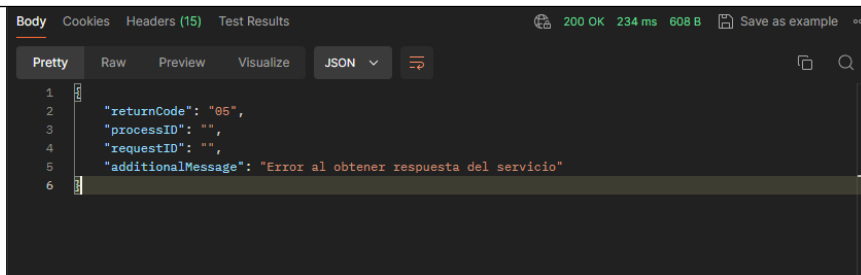
raw JSON Beautify

```

1 {
2   "requestID": "TSP166386572341",
3   "processID": "383346699928845A",
4   "institutionCode": "AGRIC-180",
5   "vaultIdentification": "VTS",
6   "walletID": "4BH1-BQVW-9U6L-IMDU",
7   "tokenRequestorID": "40010075001",
8   "tokenRefID": "DNITHE413226560923471800",
9   "PANRefID": "V-4623270735441413459781",
10  "tokenType": "COF",
11  "dateTime": "2023-06-13T22:43:15.000",
12  "event": "CREATED",
13  "deviceInfo": {}

```

- Response:



```
1 {
2   "returnCode": "05",
3   "processID": "",
4   "requestID": "",
5   "additionalMessage": "Error al obtener respuesta del servicio"
6 }
```

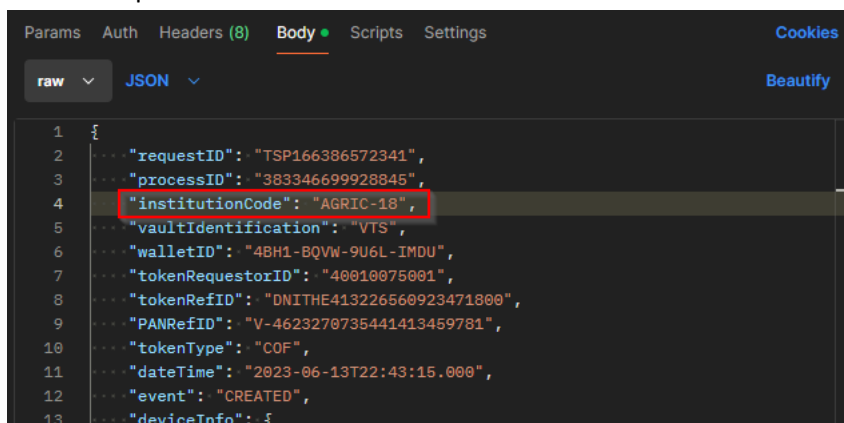
➤ Validación campo “institutionCode” (returnCode 05)

Nomenclatura correcta: **AGRIC-180**

Composición:

- ✓ Contener la nomenclatura AGRIC-180

• Request:



```
1 {
2   "requestID": "TSP166386572341",
3   "processID": "383346699928845",
4   "institutionCode": "AGRIC-18",
5   "vaultIdentification": "VTS",
6   "walletID": "4BH1-BQVW-9U6L-IMDU",
7   "tokenRequestorID": "40010075001",
8   "tokenRefID": "DNITHE413226560923471800",
9   "PANRefID": "V-4623270735441413459781",
10  "tokenType": "COF",
11  "dateTime": "2023-06-13T22:43:15.000",
12  "event": "CREATED",
13  "deviceInfo": {}
14 }
```

• Response:



```
1 {
2   "returnCode": "05",
3   "processID": "",
4   "requestID": "",
5   "additionalMessage": "Error al obtener respuesta del servicio"
6 }
```

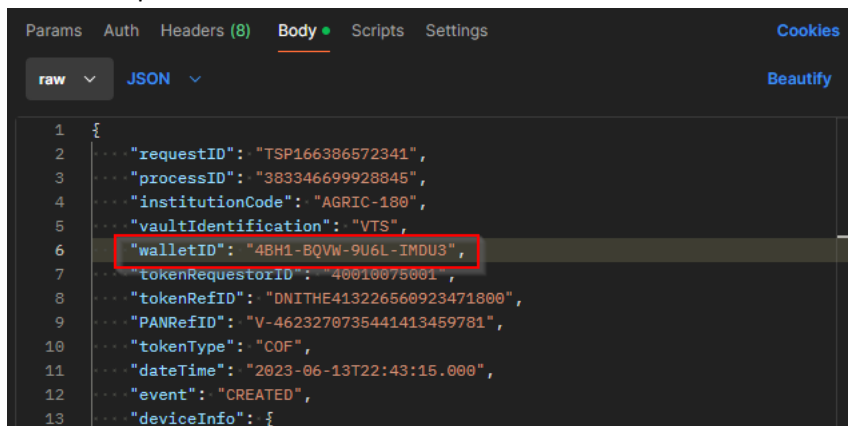
➤ Validación campo “walletID” (returnCode 05)

Nomenclatura correcta: **4BH1-BQVW-9U6L-IMDU**

Composición:

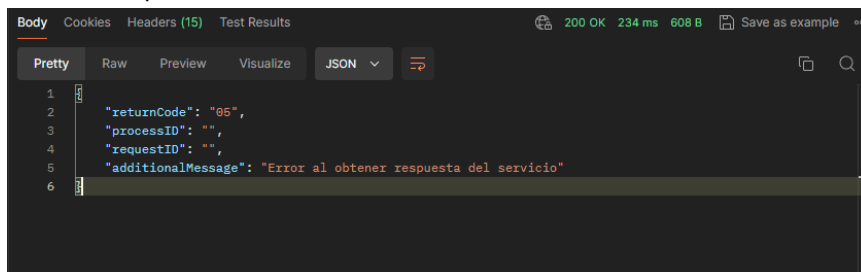
- ✓ Contener la nomenclatura XXXX-XXXX-XXXX-XXXX compuesta por letras mayúsculas y dígitos

- Request:



```
1 {
2   ... "requestID": "TSP166386572341",
3   ... "processID": "383346699928845",
4   ... "institutionCode": "AGRIC-180",
5   ... "vaultIdentification": "VTS",
6   ... "walletID": "48H1-BQVW-9U6L-IMDU3",
7   ... "tokenRequestorID": "40010075001",
8   ... "tokenRefID": "DNITHE413226560923471800",
9   ... "PANRefID": "V-4623270735441413459781",
10  ... "tokenType": "COF",
11  ... "dateTime": "2023-06-13T22:43:15.000",
12  ... "event": "CREATED",
13  ... "deviceInfo": {
```

- Response:



```
1 {
2   "returnCode": "05",
3   "processID": "",
4   "requestID": "",
5   "additionalMessage": "Error al obtener respuesta del servicio"
6 }
```

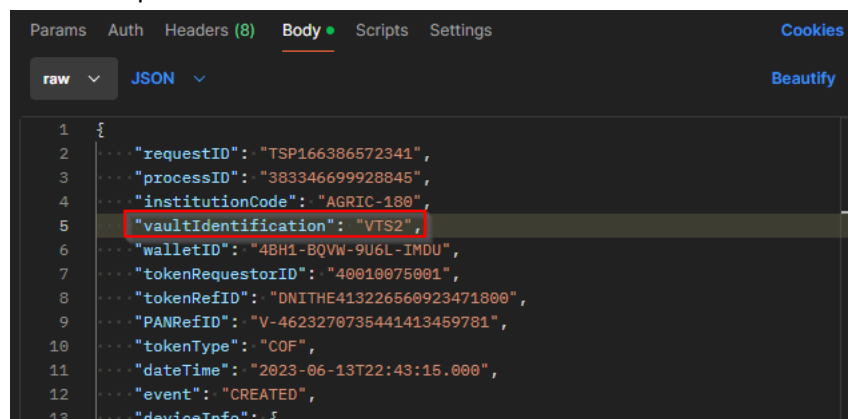
➤ **Validación campo “vaultIdentification” (returnCode 05)**

**Nomenclatura correcta:** **VTS/MDES/AMEX/PL**

**Composición:**

- ✓ Contener alguno de estos identificadores **VTS/MDES/AMEX/PL**

- Request:



```
1 {
2   ... "requestID": "TSP166386572341",
3   ... "processID": "383346699928845",
4   ... "institutionCode": "AGRIC-180",
5   ... "vaultIdentification": "VTS2",
6   ... "walletID": "48H1-BQVW-9U6L-IMDU",
7   ... "tokenRequestorID": "40010075001",
8   ... "tokenRefID": "DNITHE413226560923471800",
9   ... "PANRefID": "V-4623270735441413459781",
10  ... "tokenType": "COF",
11  ... "dateTime": "2023-06-13T22:43:15.000",
12  ... "event": "CREATED",
13  ... "deviceInfo": {
```

- Response:

```
Body Cookies Headers (15) Test Results 200 OK 234 ms 608 B Save as example
Pretty Raw Preview Visualize JSON
1
2 "returnCode": "05",
3 "processID": "",
4 "requestID": "",
5 "additionalMessage": "Error al obtener respuesta del servicio"
6
```

➤ Validación campo “tokenRequestorID” (returnCode 05)

Nomenclatura correcta: **40010075001**

Composición:

✓ Contener de {1, 64} dígitos

- Request:

```
Params Auth Headers (8) Body Scripts Settings Cookies
raw JSON Beautify
1
2 "requestID": "TSP166386572341",
3 "processID": "383346699928845",
4 "institutionCode": "AGRIC-180",
5 "vaultIdentification": "VTS",
6 "walletID": "4BH1-BQVW-9U6L-IMDU",
7 "tokenRequestorID": "40010075001A",
8 "tokenRefID": "DNITHE413226560923471800",
9 "PANRefID": "V-4623270735441413459781",
10 "tokenType": "COF",
11 "dateTime": "2023-06-13T22:43:15.000",
12 "event": "CREATED",
13 "deviceInfo": {}
```

- Response:

```
Body Cookies Headers (15) Test Results 200 OK 234 ms 608 B Save as example
Pretty Raw Preview Visualize JSON
1
2 "returnCode": "05",
3 "processID": "",
4 "requestID": "",
5 "additionalMessage": "Error al obtener respuesta del servicio"
6
```

➤ Validación campo “tokenRefID” (returnCode 05)

Nomenclatura correcta: **DNITHE413226560923473256**

Composición:

✓ Comenzar con DNITHE

✓ Contener de {1, 58} dígitos

- Request:

```

1 {
2   "requestID": "TSP1663865723413",
3   "processID": "302265609234520",
4   "institutionCode": "AGRIC-180",
5   "walletID": "48H1-BQVW-9U6L-IMDU",
6   "vaultIdentification": "VTS",
7   "tokenRequestorID": "40010075001",
8   "tokenRequestorName": "GOOGLE PAY 01",
9   "tokenRefID": "DNITHE413226560923473256",
10  "PANRefID": "V-3022033700660619634139",
11  "encryptedCardInfo": {
12    "MACLength": 16,
13    "iv": "DE0A8B9274B8F96CB8C571AA",
14    "encryptedData": "03VS02wQG8tn/u4/
    rb8Yt8CU2s2SAxNyNUdo16lQkcERE6M6Y1E1RgEeYf4NVsZSX3UNRlZ4CUXv7BHP3
    oI9ucy+u8PKY+jAs1RD++YBsvZAKSpm50lXKjs2y8WCJZkfV+PfI3n+HULfSc
  
```

- Response:

Body Cookies Headers (15) Test Results 200 OK 234 ms 608 B Save as example

Pretty Raw Preview Visualize JSON

```

1 {
2   "returnCode": "05",
3   "processID": "",
4   "requestID": "",
5   "additionalMessage": "Error al obtener respuesta del servicio"
6 }

```

### ➤ Validación campo “PANRefID” (returnCode 05)

**Nomenclatura correcta:** [V-3022033700660619634139](#)

**Composición:**

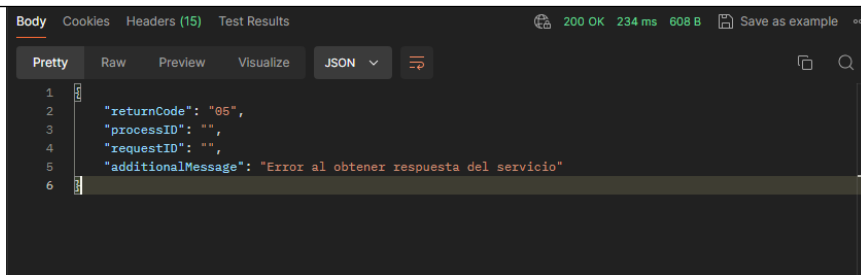
- ✓ Comenzar con cualquier letra {A-Z} seguida de un guion -
- ✓ Contener de {1, 62} dígitos

- Request:

```

1 {
2   "requestID": "TSP1663865723413",
3   "processID": "302265609234520",
4   "institutionCode": "AGRIC-180",
5   "walletID": "48H1-BQVW-9U6L-IMDU",
6   "vaultIdentification": "VTS",
7   "tokenRequestorID": "40010075001",
8   "tokenRequestorName": "GOOGLE PAY 01",
9   "tokenRefID": "DNITHE413226560923473256",
10  "PANRefID": "V3022033700660619634139",
11  "encryptedCardInfo": {
12    "MACLength": 16,
13    "iv": "DE0A8B9274B8F96CB8C571AA",
14    "encryptedData": "03VS02wQG8tn/u4/
    rb8Yt8CU2s2SAxNyNUdo16lQkcERE6M6Y1E1RgEeYf4NVsZSX3UNRlZ4CUXv7BHP3
    oI9ucy+u8PKY+jAs1RD++YBsvZAKSpm50lXKjs2y8WCJZkfV+PfI3n+HULfSc
  
```

- Response:



```
1 {
2   "returnCode": "05",
3   "processID": "",
4   "requestID": "",
5   "additionalMessage": "Error al obtener respuesta del servicio"
6 }
```

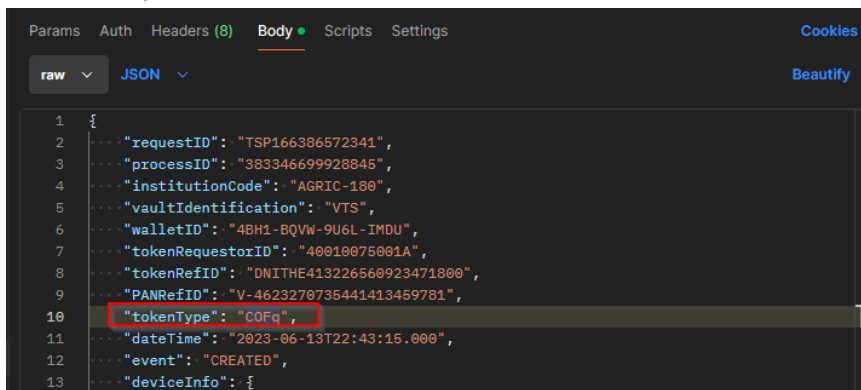
➤ **Validación campo “tokenType” (returnCode 05)**

**Nomenclatura correcta:** *HCE|SE|COF|ECOM|QRCODE*

**Composición:**

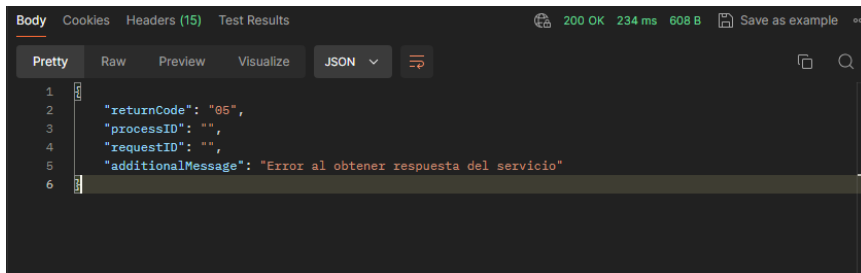
✓ **Contener alguno de los siguientes:** *HCE|SE|COF|ECOM|QRCODE*

- Request:



```
1 {
2   "requestID": "TSP166386572341",
3   "processID": "383346699928845",
4   "institutionCode": "AGRIC-188",
5   "vaultIdentification": "VTS",
6   "walletID": "4BH1-BQVW-9U6L-IMDU",
7   "tokenRequestorID": "40819875001A",
8   "tokenRefID": "DNITHE413226560923471800",
9   "PANRefID": "V-4623270735441413459781",
10  "tokenType": "COFq",
11  "dateTime": "2023-06-13T22:43:15.000",
12  "event": "CREATED",
13  "deviceInfo": {}
14 }
```

- Response:



```
1 {
2   "returnCode": "05",
3   "processID": "",
4   "requestID": "",
5   "additionalMessage": "Error al obtener respuesta del servicio"
6 }
```

➤ **Validación campo “dateTime” (returnCode 05)**

**Nomenclatura correcta:** *YYYY-MM-DDThh:mm:ss.mss*

- Request:



Params Auth Headers (8) Body Scripts Settings Cookies

raw JSON Beautify

```
1 {
2   "requestID": "TSP166386572341",
3   "processID": "38334669928845",
4   "institutionCode": "AGRIC-180",
5   "vaultIdentification": "VTS",
6   "walletID": "4BH1-BQVW-9U6L-IMDU",
7   "tokenRequestorID": "40010075001",
8   "tokenRefID": "DNITHE413226560923471800",
9   "PANRefID": "V-4623270735441413459781",
10  "tokenType": "COF",
11  "dateTime": "2023-06-13T22:43:15.000A",
12  "event": "CREATED",
13  "deviceInfo": {
```

• Response:

Body Cookies Headers (15) Test Results 200 OK 234 ms 608 B Save as example

Pretty Raw Preview Visualize JSON

```
1 {
2   "returnCode": "05",
3   "processID": "",
4   "requestID": "",
5   "additionalMessage": "Error al obtener respuesta del servicio"
6 }
```

➤ Validación campo “event” (returnCode 05)

Nomenclatura correcta: **CREATED** | **ACTIVATED** | **SUSPENDED** | **INACTIVE** | **CANCELLED**

• Request:

Params Auth Headers (8) Body Scripts Settings Cookies

raw JSON Beautify

```
1 {
2   "requestID": "TSP166386572341",
3   "processID": "38334669928845",
4   "institutionCode": "AGRIC-180",
5   "vaultIdentification": "VTS",
6   "walletID": "4BH1-BQVW-9U6L-IMDU",
7   "tokenRequestorID": "40010075001",
8   "tokenRefID": "DNITHE413226560923471800",
9   "PANRefID": "V-4623270735441413459781",
10  "tokenType": "COF",
11  "dateTime": "2023-06-13T22:43:15.000",
12  "event": "CREADO",
13  "deviceInfo": {
```

• Response:

Body Cookies Headers (15) Test Results 200 OK 234 ms 608 B Save as example

Pretty Raw Preview Visualize JSON

```
1 {
2   "returnCode": "05",
3   "processID": "",
4   "requestID": "",
5   "additionalMessage": "Error al obtener respuesta del servicio"
6 }
```

➤ Validación campo “deviceInfo” → no es mandatorio, por lo que puede o no venir

➤ Validación campo “deviceId” (returnCode 05)

Nomenclatura correcta: 000000000000000000004437188

Composición:

✓ Contener {1, 64} dígitos

• Request:

```
12  .... "event": "CREADO",
13  .... "deviceInfo": {
14  ....   "deviceId": "000000000000000000004437188A"
15  .... },
16  .... "encryptedCardInfo": {
17  ....   "algorithm": "aes-gcm128",
18  ....   "iv": "4890243B82766007917E198B",
19  ....   "encryptedData": "ptxrfoRSht5e/
    rjD25dD0ALYQ1NGGvrvw9Ab307RjmhapbJrYH56kapbdeLft0Q6/
    F3mtV3qsoTkmFAGzrZW4gtsBKtwLvpBzycvEEYaM3mj70NYyC1Yb1lHLo3H6j4rvx8WbJDaMYu9
    hscqTai0ZWwZicucvLUW+g=",
20  ....   "MACLength": 16
21  .... },
22  .... "encryptedTokenInfo": {
23  ....   "algorithm": "aes-gcm128",
24  ....   "iv": "69C12EC571F41812F165350A",
25  ....   "encryptedData": "xhqvKS0Cax0fm88glZV+Tqh7k9wFS0th
    +5Y0bNcQPJQIM2s0Reusvqwhhxe46S06jquo2Wuj+f4CFEvk8X4q+wY5FqXyQfK8t
    +9fwMonIM6YvGnd0fRzrMky+x9X+ue0fhIbteIvTT/DqmVeNtZ8Rqux79d9mLmsLN6i1EPSfdP/
    4wJLRsg/gG+bjmRf0KEWTkyk3gkAEqo2Z8jb6j0gpNRbw/
    l91uj3Q1JhzSrtsMS8RQqcdmV1Dn0KKj4q00Cw3ujn453eSxV27e0VMawGaw50YPSPxTsPaQ96q
    oiXE6A4z4naDE2LxXCykvkeS30YSv49Fw9dJtgbJ0wCZ6mHYz5UVNmfiJL9eMB3dd/LpFpZGgU4
    +ecbbZausqunqrvymWn+nQ1zGr1JMboN9fyugTK2WNNQzYSHUil06F6HtgJrfxm56/
    3UEHulGIe0fihpKsHGjqcnmMQ0s7CYu/ozlUx4EkzrIImi8pui9C+2F2eE0bLy8w0q
    +GWSx7L4DbE=",
26  ....   "MACLength": 16
27  .... }
28  }
```

• Response:

```
Body  Cookies  Headers (15)  Test Results  200 OK  234 ms  608 B  Save as example
Pretty  Raw  Preview  Visualize  JSON  ↕
1  {
2  "returnCode": "05",
3  "processID": "",
4  "requestID": "",
5  "additionalMessage": "Error al obtener respuesta del servicio"
6  }
```

➤ Validación campo “encryptedCardInfo” → no debe ser vacío

➤ Validación campo “algorithm” (returnCode 05)

Nomenclatura correcta: **aes-gcm128**

Composición:

- ✓ Contener siempre la nomenclatura “aes-gcm128”

• Request:

```
12  ... "event": "CREADO",
13  ... "deviceInfo": {
14  ...   "deviceID": "0000000000000000437188A"
15  ... },
16  ... "encryptedCardInfo": {
17  ...   "algorithm": "aes-gcm128",
18  ...   "iv": "4890243B82766007917E19BB",
19  ...   "encryptedData": "pt+rfoRSht5e/
    rj025dDOAlVQ1NGGvrvw9Ab307Rjmhpb3rYH56kapbdeLft0Q6/
    F3mtV3qsoTkmFAGzrZW4gtsBKtwlvpBzycvEEYaM3mj70NYyC1Yb1lHLo3H6j4rvx8WBjDaMYu9
    hscqTai0ZWwZicucvLUW+g==",
20  ...   "MACLength": 16
21  ... },
22  ... "encryptedTokenInfo": {
23  ...   "algorithm": "aes-gcm128",
24  ...   "iv": "69C12EC571F41812F165350A",
25  ...   "encryptedData": "xhqvKS8Cax0fm88g1ZV+Tqh7k9wFS0th
    +5Y0bNcQPJQIM2s0Reusvqwwhhxe46SQ6jqao2Wuj+f4CFEvk8X4q+wY5FqXyQfK8t
    +9fwMonIM6YvGnd0fRrMky+x9X+ue0fhIbteIvTT/DqmVeNtZ8Rqux79d9mLmsLW6i1EPSfdP/
    4wJLRsg/gG+bjmRf0KEWTKykJgkAEqo2Z8jb6j0gpNRbw/
    l91u3Q1JhzSrtsMS8RQqcdmV1Dn0KKj4q00Cw3ujn453eSxV27e0VMawGAw50YPSpxTsPaQ96q
    oiXE6A4z4naDE2LrXCykvkeS30YSv49FW9dJtgbJ0wCZ6mHYz5UVNmfiJL9eMB3dd/LpFpZGgU4
    +ecbbZausqunqrwymwN+nQ1zGr1JMb0N9fqyugTK2WNNQzY5HUil06F6HtgJrfm56/
    3UEHuLgIe0fihpKsHGjqcnmMQs7CYu/ozlUx4EkzrIImiBpui9C+2F2eE0bLy8w0q
    +GWSr7L4DbE=",
26  ...   "MACLength": 16
27  ... }
28  }
```

• Response:

```
Body  Cookies  Headers (15)  Test Results  200 OK  234 ms  608 B  Save as example
Pretty  Raw  Preview  Visualize  JSON  [icon]  [icon]
1  {
2  "returnCode": "05",
3  "processID": "",
4  "requestID": "",
5  "additionalMessage": "Error al obtener respuesta del servicio"
6  }
```

➤ Validación campo “iv” (returnCode 05)

Nomenclatura correcta: **DE0A8B9274B8F96CB8C571AA**

Composición:

- ✓ Contener la nomenclatura solo letras Mayúsculas, minúsculas y dígitos combinados sin restricción de longitud

- Request:

```

11  ... "event": "CREADO",
12  ... "deviceInfo": {
13  ...   "deviceId": "00000000000000004437188A"
14  ... },
15  ... "encryptedCardInfo": {
16  ...   "algorithm": "aes-gcm128",
17  ...   "iv": "!4890243B82766007917E19BB",
18  ...   "encryptedData": "pt+rroRSHTse/
19  ...     rjD25dD0AlYQ1NGGvzw9Ab307RjmhapbJrYH56kapbdeLft0Q6/
20  ...     F3mtV3qsoTkmFAGzrZW4gtsBKtwLvpBzycvEEYaM3mj70NYyC1Yb1lHLo3H6j4rvx8WBjDaMYu9
21  ...     hscqTai0ZWcWzicucvLUW+g==",
22  ...   "MACLength": 16
23  ... },
24  ... "encryptedTokenInfo": {
25  ...   "algorithm": "aes-gcm12",
26  ...   "iv": "69C12EC571F41812F165350A",
27  ...   "encryptedData": "xhqvKS0Cax0fm88g1ZV+Tqh7k9wFS0th
28  ...     +5Y0bNcQPJQIM2s0Reusvqwwhhxe46S06jqquo2Wuj+f4CFEvk8X4q+wY5FqXyQfK8t
29  ...     +9fwMonIM6YvGnd0fRzMky+x9X+ue0fhIbteIvTT/DqmVeNtZ8Rqux79d9mLmsLW6i1EPSfDp/
30  ...     4wJLRsg/gG+bjmRf0KEWTkykJgkAEqo2Z8jb6j0gpNRbw/
31  ...     l91uj3Q1JhzSrtsMS8RQqcdmV1DnOKKj4q00Cw3ujn453eSxV27e0VMawGAw50YPSpxTsPaQ96q
32  ...     oiXE6A4z4naDE2LrXCykvkeS30YSv49FW9dJtgbJ0wCZ6mHYz5UVNmJL9eMB3dd/LpFpZ6GU4
33  ...     +ecbbZausqunqrvymwN+nQ1zGr1JMboN9fyugTK2WNNQzY5HUIl06F6HtgJrfxm56/
34  ...     3UEHuLgIe0fihpKsHGjqcnmMOqs7CYu/ozlUz4EkzrIImiBpu19C+2F2eE0bLy8w0q

```

- Response:

```

Body  Cookies  Headers (15)  Test Results  200 OK  234 ms  608 B  Save as example
Pretty  Raw  Preview  Visualize  JSON  [icon]  [icon]
1  [icon]
2  "returnCode": "05",
3  "processID": "",
4  "requestID": "",
5  "additionalMessage": "Error al obtener respuesta del servicio"
6  [icon]

```

- Validación campo “encryptedData” no hay restricciones de tipo de dato, longitud o caracteres especiales

Nomenclatura correcta:

**"03VSO2wQG8tn/u4/rb8Yt8CU2s2SAxNyNUdo16lQkce"**

- Validación campo “MACLength” (returnCode 05)

Nomenclatura correcta: **16**

Composición:

- ✓ Contener la nomenclatura entre el 12 – 16, solo dígitos

- Request:

```

11  ...."dateTime": "2023-06-13T22:43:15.000",
12  ...."event": "CREATED",
13  ...."deviceInfo": {
14  ..... "deviceId": "00000000000000004437188"
15  ..... },
16  ...."encryptedCardInfo": {
17  ..... "algorithm": "aes-gcm128",
18  ..... "iv": "4890243B82766007917E19B8",
19  ..... "encryptedData": "pt+rfoRSHt5e/
    rj025dD0AlYQ1NGGvzw9Ab307RjmhapbJrYH56kapbdeLft0Q6/
    F3mtV3qsoTkmFAGzrzW4gtsBKtvlvpBzycvEEYaM3mj70NYyC1Yb1lHLo3H6j4rxv8WBjDaMYu9
    hscqTai0ZWcWzicucvLUN+g==",
20  ..... "MACLength": 20
21  ..... },
22  ...."encryptedTokenInfo": {
23  ..... "algorithm": "aes-gcm128",
24  ..... "iv": "69C12EC571F41812F165350A",
25  ..... "encryptedData": "xhqvKS0Cax0fm88g1ZV+Tqh7k9wFS0th
    +5Y0bNcQPJQIM2s0Reusvqwwhxe46SQ6jquo2WuJ+f4CFEvk8X4q+wY5FqXyQfK6t

```

- Response:

```

Body  Cookies  Headers (15)  Test Results  200 OK  234 ms  608 B  Save as example
Pretty  Raw  Preview  Visualize  JSON  [icon]  [icon]
1  [
2  "returnCode": "05",
3  "processID": "",
4  "requestID": "",
5  "additionalMessage": "Error al obtener respuesta del servicio"
6  ]

```

➤ Validación campo “encryptedTokenInfo” → no debe ser vacío

➤ Validación campo “algorithm” (returnCode 05)

Nomenclatura correcta: **aes-gcm128**

Composición:

✓ Contener siempre la nomenclatura “aes-gcm128”

- Request:

```

12  .... "event": "CREADO",
13  .... "deviceInfo": {
14  ....   .... "deviceId": "00000000000000004437188A"
15  .... },
16  .... "encryptedCardInfo": {
17  ....   .... "algorithm": "aes-gcm12",
18  ....   .... "iv": "4890243B82766007917E19BB",
19  ....   .... "encryptedData": "pt+rfoRSht5e/
      rj025d00AlYQ1NGGvW9Ab307RjmhapbJrYH56kapbdeLft0Q6/
      F3mtV3qsoTKmFAGzrZw4gtsBKtwlvpBzycvEEYaM3mj70NyyC1YbllHLo3H6j4rvx8WBjDaMYu9
      hscqTai0ZwWzicucvLUW+g==",
20  ....   .... "MACLength": 16
21  .... },
22  .... "encryptedTokenInfo": {
23  ....   .... "algorithm": "aes-gcm128",
24  ....   .... "iv": "69C12EC571F41012F165350A",
25  ....   .... "encryptedData": "xhqvKS0Cax0fm88glZV+Tqh7k9wFS0th
      +5Y0bNcQPJQIM2s0Reusvqwwhxe46SQ6jqquo2Wuj+f4CFEvk8X4q+wY5FqXyQfk8t
      +9fMMonIM6YvGnd0fRzMky+x9X+ue0fhIbteIvTT/DqmVeNtZ8Rqux79d9mLmsLW6i1EPSfP/
      4wJLRsg/gG+bjmRf0KEWTKykJgkAEqo2Z8jb6j0gpNRbw/
      l91uj3Q1JhzSrtsMS8R0Qc0dmVlDn0KKj4q00Cw3ujn453eSxV27e0VMawGAw50YPSpXtsPaQ96q
      oIXE6A4z4naDE2LrXCykvkeS30YSv49FW9dJtgbJ0wCZ6mHYz5UVNmfiJL9eMB3dd/LpFpZGGu4
      +ecbbZausqunqrvymWn+nQ1zGr1JMboN9fyugTK2WNNQzY5HU1l06F6HtgJrfrm56/
      3UEHuLgIe0fihpKsHGjqcnmMQs7CYu/ozlUz4EkzrIImi8pui9C+2F2eE0bLy8w0q
      +GWSr7L4D0bE=",
26  ....   .... "MACLength": 16
27  .... },
28  .... }

```

- Response:

```

Body  Cookies  Headers (15)  Test Results  200 OK  234 ms  608 B  Save as example
Pretty  Raw  Preview  Visualize  JSON  [icon]  [icon]
1  [line]
2  {
3  "returnCode": "05",
4  "processID": "",
5  "requestID": "",
6  "additionalMessage": "Error al obtener respuesta del servicio"
7  }

```

➤ Validación campo “iv” (returnCode 05)

**Nomenclatura correcta:** [DE0A8B9274B8F96CB8C571AA](#)

**Composición:**

- ✓ Contener la nomenclatura solo letras Mayúsculas, minúsculas y dígitos combinados sin restricción de longitud

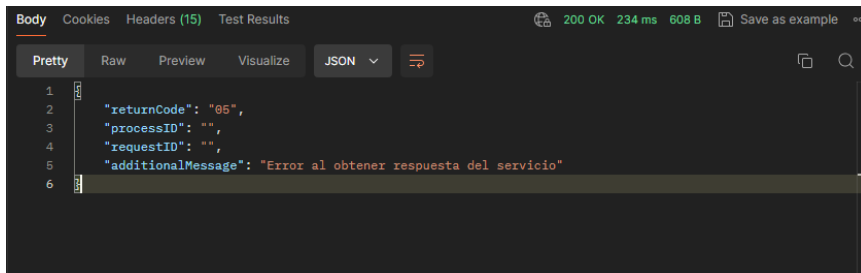
- Request:

```

13     "deviceInfo": {
14         "deviceId": "00000000000000004437188A"
15     },
16     "encryptedCardInfo": {
17         "algorithm": "aes-gcm128",
18         "iv": "4890243B82766007917E198B",
19         "encryptedData": "pt+rfoRSht5e/
            rjD25dD0AlYQ1NGGvrv9Ab307RjmhapbJrYH56kapbdeLft0Q6/
            F3mtV3qsoTkmFAGzrzW4gtsBKtwlvpBzycvEEYaM3mj70NYYc1Yb1lHLo3H6j4rvx8WbjDaMYu9
            hscQTai0ZWcWzicucvLUW+g==",
20         "MACLength": 16
21     },
22     "encryptedTokenInfo": {
23         "algorithm": "aes-gcm128",
24         "iv": "!69C12EC571F41812F165350A",
25         "encryptedData": "xhqvKS0Cax0fm88glZV+Tqh7k9wFS0th
            +5Y0bNcQPJQIM2s0Reusvqwwhhxe46SQ6jqao2Wuj+f4CFEvk8X4q+wY5FqXyQfK8t
            +9fwMonIM6YvGnd0fRzMKy+x9X+ue0fhIbteIvTT/DqmVeNtZ8Rqux79d9mLmsLW6i1EPSfdP/
            4wJLRsg/gG+bjmRf0KEWTKykJgkAEqo2Z8jb6j0gpNRbw/
            191uj3Q1JhzSrtsMS8RQ0cdmV1Dn0KKj4q00Cw3ujn453eSxV27e0VMawGAw50YPSPxTsPaQ96q
            oiXE6A4z4naDE2LrXCykvkeS30YSv49FW9dJtgbJ0wCZ6mHYz5UVNmfiJL9eMB3dd/LpFpZGGu4
            +ecbbZausqunqrvymwN+nQ1zGr1JMboN9fqyugTK2WNNQzY5HUil06F6HtgJrfxm56/
            3UEHuLgIe0fihpKsHGjqcnmMOQs7CYu/ozlUx4EkzrIImiBpui9C+2F2eE0bLy8w0q
            +GWSz7L4DbE=",
26         "MACLength": 16
27     }
28 }

```

- Response:



```

Body  Cookies  Headers (15)  Test Results  200 OK  234 ms  608 B  Save as example
Pretty  Raw  Preview  Visualize  JSON  [Copy] [Search]
1  {
2    "returnCode": "05",
3    "processID": "",
4    "requestID": "",
5    "additionalMessage": "Error al obtener respuesta del servicio"
6  }

```

- Validación campo “encryptedData” no hay restricciones de tipo de dato, longitud o caracteres especiales

Nomenclatura correcta:

***"O3VSO2wQG8tn/u4/rb8Yt8CU2s2SAxNyNUdo16lQkcE"***

- Validación campo “MACLength” (returnCode 05)

Nomenclatura correcta: **16**

Composición:

- ✓ Contener la nomenclatura entre el 12 – 16, solo dígitos

- Request:

```

20 ..... "MACLength": 16
21 ..... },
22 ..... "encryptedTokenInfo": {
23 .....   "algorithm": "aes-gcm128",
24 .....   "iv": "69C12EC571F41812F165350A",
25 .....   "encryptedData": "xhqvKS0Cax0fm88glZV+Tqh7k9wFS0th
+5Y0bNcQPJQIMs0Reusvqwwhhxe46SQ6jquo2Wuj+f4CFEvk8X4q+wY5FqXyQfK8t
+9fwMonIM6YvGndOfRrMky+x9X+ue0fhIbteIvTT/DqmVeNtZ8Rqux79d9mLmsLW6i1EPSfdP/
4wJLRsg/gG+bjmRf0KEWTkykJgkAEqo2Z8jb6j0gpNRbw/
l91uj3Q1JhzSrtsMS8RQQcdmV1Dn0KKj4q00Cw3ujn453eSxV27e0VMawGAW50YSPxTsPaQ96q
oiXE6A4z4naDE2LrXcykykeS30YSv49FW9dJtgbJ0wCZ6mHYz5UVNmJL9eMB3dd/LpFpZGgU4
+ecbbZausqunqzvymWn+nQ1zGr1JMboN9fyugTK2WNNQzY5HU1l06F6HtgJrfm56/
3UEHuLgIe0fihpKsHGjqcnmMOqs7CYu/ozlUr4EkzrIImiBpu19C+2F2eE0bly8w0q
+GWSr7L4DbE="
26 ..... "MACLength": 20
27 ..... }
28 }

```

- Response:

```

Body Cookies Headers (15) Test Results 200 OK 234 ms 608 B Save as example
Pretty Raw Preview Visualize JSON
1 {
2   "returnCode": "05",
3   "processID": "",
4   "requestID": "",
5   "additionalMessage": "Error al obtener respuesta del servicio"
6 }

```

- Api Authentication Methods

- JSON Body Request:

```

{
  "metadata": {
    "_messageType": "Request",
    "_messageId": "0d92ba97-9be6-427e-b4dd-a323",
    "_applicationId": "BM",
    "_serviceId": "getSelectedCard",
    "_datetime": "2024-06-24T22:59:22"
  },
  "data": {
    "body": {
      "institutionCode": "AGRIC-180",
      "userId": "18040",
      "cardIdentifierList": [
        "24071222364601"
      ]
    }
  }
}

```

➤ Validación campo “metadata” → que este campo no sea vacío

➤ Validación campo “\_messageType” (returnCode 05)

Nomenclatura correcta: **Request**



### Composición:

- ✓ No debe contener caracteres especiales como: `[^<>'\"/;`%+*()]`

- Request:

```
Params Auth Headers (8) Body Scripts Settings Cookies
raw JSON Beautify
1 {
2   "metadata": {
3     "messageType": "Request",
4     "messageId": "ed72802d-45b6-4252-99ed-b7d56f00a55d",
5     "applicationId": "Tokenization",
6     "serviceId": "AuthenticationMethods",
7     "datetime": "2024-04-09T22:26:58"
8   },
9   "data": {
10    "source": "MANUALLY",
11    "tokenRefID": "DNITHE413226560923473254",
12    "tokenRequestorID": "40010025772",
13    "PAN": "4073190328830917"
14  }
15 }
```

- Response:

```
Pretty Raw Preview Visualize JSON
1 {
2   "metadata": {
3     "messageType": "Response",
4     "messageId": "ed72802d-45b6-4252-99ed-b7d56f00a55d",
5     "applicationId": "Tokenization",
6     "serviceId": "AuthenticationMethods",
7     "datetime": "2024-08-21T01:07:09"
8   },
9   "errors": [
10    {
11      "code": "0005",
12      "title": "Formato invalido",
13      "detail": "_messageType: Los caracteres especiales no estan permitidos para este campo"
14    }
15  ]
16 }
```

### ➤ Validación campo “\_messageId” (returnCode 05)

Nomenclatura correcta: `0d92ba97-9be6-427e-b4dd-a323`

### Composición:

- ✓ No debe contener caracteres especiales como: `[^<>'\"/;`%+*()]`

- Request:

```
Params Auth Headers (8) Body • Scripts Settings Cookies
raw JSON Beautify
1
2 {
3   "metadata": {
4     "_messageType": "Request",
5     "_messageId": "ed72802d-45b6-4252-99ed-b7d56f00a55d",
6     "_applicationId": "Tokenization",
7     "_serviceId": "AuthenticationMethods",
8     "_datetime": "2024-04-09T22:26:58"
9   },
10  "data": {
11    "source": "MANUALLY",
12    "tokenRefID": "DNITHE413226560923473254",
13    "tokenRequestorID": "40010025772",
14    "PAN": "4073190328830917"
15  }
16 }
```

• Response:

```
Pretty Raw Preview Visualize JSON v
1
2 {
3   "metadata": {
4     "_messageType": "Response",
5     "_messageId": "ed72802d-45b6-4252-99ed-b7d56f00a55d",
6     "_applicationId": "Tokenization",
7     "_serviceId": "AuthenticationMethods",
8     "_datetime": "2024-08-21T01:08:05"
9   },
10  "errors": [
11    {
12      "code": "0005",
13      "title": "Formato invalido",
14      "detail": "_messageId: Los caracteres especiales no estan permitidos para este campo"
15    }
16  ]
17 }
```

➤ Validación campo “\_applicationId” (returnCode 05)

Nomenclatura correcta: **BM**

Composición:

✓ No debe contener caracteres especiales como: **[^<>'\"\\"/;`%+\*()]**

• Request:

Params Auth Headers (8) Body • Scripts Settings Cookies

raw JSON Beautify

```
1  {
2    "metadata": {
3      "_messageType": "Request",
4      "_messageId": "ed72802d-45b6-4252-99ed-b7d56f00a55d",
5      "_applicationId": "Tokenization",
6      "_serviceId": "AuthenticationMethods",
7      "_datetime": "2024-04-09T22:26:58"
8    },
9    "data": {
10     "source": "MANUALLY",
11     "tokenRefID": "DNITHE413226560923473254",
12     "tokenRequestorID": "40010025772",
13     "PAN": "4073190328830917"
14   }
15 }
```

• Response:

Pretty Raw Preview Visualize JSON ↕ 🔍

```
1  {
2    "metadata": {
3      "_messageType": "Response",
4      "_messageId": "ed72802d-45b6-4252-99ed-b7d56f00a55d",
5      "_applicationId": "%Tokenization",
6      "_serviceId": "AuthenticationMethods",
7      "_datetime": "2024-08-21T01:00:36"
8    },
9    "errors": [
10     {
11       "code": "0005",
12       "title": "Formato invalido",
13       "detail": "_applicationId: Los caracteres especiales no estan permitidos para este campo"
14     }
15   ]
16 }
```

➤ Validación campo “\_serviceId” (returnCode 05)

Nomenclatura correcta: *getSelectedCard*

Composición:

✓ No debe contener caracteres especiales como: `[^<>'\"/;%+*()]`

• Request:

Params Auth Headers (8) Body • Scripts Settings Cookies

raw JSON Beautify

```
1  {
2    "metadata": {
3      "_messageType": "Request",
4      "_messageId": "ed72802d-45b6-4252-99ed-b7d56f00a55d",
5      "_applicationId": "Tokenization",
6      "_serviceId": "AuthenticationMethods",
7      "_datetime": "2024-04-09T22:26:58"
8    },
9    "data": {
10     "source": "MANUALLY",
11     "tokenRefID": "DNITHE413226560923473254",
12     "tokenRequestorID": "40010025772",
13     "PAN": "4073190328830917"
14   }
15 }
```

- Response:

Pretty Raw Preview Visualize JSON ⌵ ⌵

```
1  {
2    "metadata": {
3      "_messageType": "Response",
4      "_messageId": "ed72802d-45b6-4252-99ed-b7d56f00a55d",
5      "_applicationId": "Tokenization",
6      "_serviceId": "%AuthenticationMethods",
7      "_datetime": "2024-06-21T01:09:08"
8    },
9    "errors": [
10     {
11       "code": "0005",
12       "title": "Formato invalido",
13       "detail": "_serviceId: Los caracteres especiales no estan permitidos para este campo"
14     }
15   ]
16 }
```

➤ **Validación campo “\_datetime” (returnCode 05)**

**Nomenclatura correcta:** 2024-06-24T22:59:22

**Composición:**

✓ **Debe contener:** YYYY-MM-DDTHH:MM:SS

- Request:

Params Auth Headers (8) Body • Scripts Settings Cookies

raw JSON Beautify

```
1  {
2    "metadata": {
3      "_messageType": "Request",
4      "_messageId": "ed72802d-45b6-4252-99ed-b7d56f00a55d",
5      "_applicationId": "Tokenization",
6      "_serviceId": "AuthenticationMethods",
7      "_datetime": "2024-04-09T22:26:58"
8    },
9    "data": {
10     "_source": "MANUALLY",
11     "tokenRefID": "DNITHE413226560923473254",
12     "tokenRequestorID": "40010025772",
13     "PAN": "4073190328830917"
14   }
15 }
```

- Response:

Pretty Raw Preview Visualize JSON ↕

```
1  {
2    "metadata": {
3      "_messageType": "Response",
4      "_messageId": "ed72802d-45b6-4252-99ed-b7d56f00a55d",
5      "_applicationId": "Tokenization",
6      "_serviceId": "AuthenticationMethods",
7      "_datetime": "2024-08-21T01:09:35"
8    },
9    "errors": [
10     {
11       "code": "0005",
12       "title": "Formato invalido",
13       "detail": "_datetime: solo acepta formato datetime"
14     }
15   ]
16 }
```

➤ Validación campo “data” → que este campo no sea vacío

➤ Validación campo “source” (returnCode 05)

Nomenclatura correcta: **MANUALLY** | **ONFILE** | **TOKEN**

- Request:

```

1  {
2  ... "metadata": {
3  ...   "_messageType": "Request",
4  ...   "_messageId": "ed72802d-45b6-4252-99ed-b7d56f00a55d",
5  ...   "_applicationId": "Tokenization",
6  ...   "_serviceId": "AuthenticationMethods",
7  ...   "_datetime": "2024-04-09T22:26:58"
8  ... },
9  ... "data": {
10 ...   "source": "1MANUALLY",
11 ...   "tokenRefID": "DNITHE413226560923473254",
12 ...   "tokenRequestorID": "40010025772",
13 ...   "PAN": "4073190328830917"
14 ... }
15 }

```

- Response:

```

Pretty Raw Preview Visualize JSON
1  {
2  "metadata": {
3    "_messageType": "Response",
4    "_messageId": "ed72802d-45b6-4252-99ed-b7d56f00a55d",
5    "_applicationId": "Tokenization",
6    "_serviceId": "AuthenticationMethods",
7    "_datetime": "2024-04-09T22:26:58"
8  },
9  "errors": [
10   {
11     "code": "0006",
12     "title": "Recomendacion invalida",
13     "detail": "La recomendacion informada no es valida"
14   }
15 ]
16 }

```

➤ Validación campo “tokenRefID” (returnCode 05)

Nomenclatura correcta: **DNITHE413226560923473254**

Composición:

✓ Contener de {1, 45} caracteres

- Request:

```
Params Auth Headers (9) Body • Scripts Settings Cookies
raw JSON Beautify
1 {
2   ... "metadata": {
3     ... "_messageType": "Request",
4     ... "_messageId": "ed72802d-45b6-4252-99ed-b7d56f00a55d",
5     ... "_applicationId": "Tokenization",
6     ... "_serviceId": "AuthenticationMethods",
7     ... "_datetime": "2024-04-09T22:26:58"
8   },
9   ... "data": {
10    ... "source": "MANUALLY",
11    ... "tokenRefID": "DNI THE413226560923473254!",
12    ... "tokenRequestorID": "40010025772",
13    ... "PAN": "4073190328830917"
14  }
15 }
```

• Response:

```
Pretty Raw Preview Visualize JSON 🔍
1 {
2   "metadata": {
3     "_messageType": "Response",
4     "_messageId": "ed72802d-45b6-4252-99ed-b7d56f00a55d",
5     "_applicationId": "Tokenization",
6     "_serviceId": "AuthenticationMethods",
7     "_datetime": "2024-08-21T01:12:04"
8   },
9   "errors": [
10    {
11      "code": "0005",
12      "title": "Formato invalido",
13      "detail": "0024"
14    }
15  ]
16 }
```

➤ Validación campo “tokenRequestorID” (returnCode 05)

Nomenclatura correcta: **40010025772**

Composición:

✓ Contener {1, 45} dígitos

• Request:

```
Params Auth Headers (9) Body • Scripts Settings Cookies
raw JSON Beautify
1 {
2   "metadata": {
3     "_messageType": "Request",
4     "_messageId": "ed72802d-45b6-4252-99ed-b7d56f00a55d",
5     "_applicationId": "Tokenization",
6     "_serviceId": "AuthenticationMethods",
7     "_datetime": "2024-04-09T22:26:58"
8   },
9   "data": {
10    "source": "MANUALLY",
11    "tokenRefID": "DNITHE413226560923473254",
12    "tokenRequestorID": "40010025772A",
13    "PAN": "4073190328830917"
14  }
15 }
```

• Response:

```
Pretty Raw Preview Visualize JSON ❷
1 {
2   "metadata": {
3     "_messageType": "Response",
4     "_messageId": "ed72802d-45b6-4252-99ed-b7d56f00a55d",
5     "_applicationId": "Tokenization",
6     "_serviceId": "AuthenticationMethods",
7     "_datetime": "2024-08-21T01:15:19"
8   },
9   "errors": [
10    {
11      "code": "0005",
12      "title": "Formato invalido",
13      "detail": "0022"
14    }
15  ]
16 }
```

➤ Validación campo “PAN” (returnCode 05)

**Nomenclatura correcta:** 4073190328830917

**Composición:**

✓ Contener {16} dígitos

• Request:



```
Params Auth Headers (9) Body • Scripts Settings Cookies
raw JSON Beautify

1  {
2    "metadata": {
3      "_messageType": "Request",
4      "_messageId": "ed72802d-45b6-4252-99ed-b7d56f00a55d",
5      "_applicationId": "Tokenization",
6      "_serviceId": "AuthenticationMethods",
7      "_datetime": "2024-04-09T22:26:58"
8    },
9    "data": {
10     "source": "MANUALLY",
11     "tokenRefID": "DNITHE413226560923473254",
12     "tokenRequestorID": "40010025772",
13     "PAN": "Q073190328830917"
14   }
15 }
```

• Response:

```
Pretty Raw Preview Visualize JSON ❸
1  {
2    "metadata": {
3      "_messageType": "Response",
4      "_messageId": "ed72802d-45b6-4252-99ed-b7d56f00a55d",
5      "_applicationId": "Tokenization",
6      "_serviceId": "AuthenticationMethods",
7      "_datetime": "2024-08-21T01:17:18"
8    },
9    "errors": [
10     {
11       "code": "0005",
12       "title": "Formato invalido",
13       "detail": "0005"
14     }
15   ]
16 }
```