

MATRIZ DE PRUEBAS TÉCNICAS

ID iniciativa	Nombre de la iniciativa	Fecha	Nombre de quien coordina la prueba	Cargo
707359	ClicktoPay-Tokenizacion	04/02/2025	Ricardo Hernández Esquivel	Desarrollador

707126Creación de API en CMC clicktopay_nombreproducto		Resultado		
Criterios de aceptación		Aprobado	Pendiente	Observaciones
<div>➔ Api clicktopay-nombre-producto</div> <div><ul style="list-style-type: none">Esta api pertenece a Cmc se desarrolla para extraer el nombre del producto(tipo tarjeta) con base al número de BIN existente en la tabla de catálogo de productos TOKENIZATION_CODE_CARD.Para evitar la vulnerabilidad, a esta api se le realizan validaciones en cada uno de los campos del body request, para tipo de dato y longitud.<div><div>▪ JSON Body Request:</div><pre>{ "metadata": { "_messageType": "Request", "_messageId": "TSP1663865723413", "_messageIdOrg": "TSP1663865723413", "_shortMessageId": "SP166386572341", "_applicationId": "Tokenization", "_serviceId": "clickToPay", "_datetime": "2025-01-02T23:34:40" }, "data": { "body": { "BIN": "450757" } }}</pre></div></div> <div>➤ Validación de Metadata campo “_messageType” (returnCode 0005)</div> <div>Nomenclatura : Request</div> <div><ul style="list-style-type: none">Request:<div><pre>1 "metadata": { 2 "_messageType": "Request/", 3 "_messageId": "TSP1663865723413", 4 "_messageIdOrg": "TSP1663865723413", 5 "_shortMessageId": "SP166386572341", 6 "_applicationId": "Tokenization", 7 "_serviceId": "clickToPay", 8 "_datetime": "2025-01-02T23:34:40" 9 }, 10 "data": { 11 "body": { 12 "BIN": "411841" 13 } 14 } 15 16</pre></div>Response:</div>				

```

1  {
2    "metadata": {
3      "_messageType": "Response",
4      "_messageId": "TSP1663865723413",
5      "_messageIdOrg": "TSP1663865723413",
6      "_shortMessageId": "SP166386572341",
7      "_applicationId": "Tokenization",
8      "_serviceId": "clickToPay",
9      "_datetime": "2025-01-29T16:22:09"
10   },
11   "errors": [
12     {
13       "code": "0005",
14       "title": "Formato invalido",
15       "detail": "_messageType es invalido"
16     }
17   ]
18 }

```

➤ Validación de Metadata campo “_messageId” (returnCode 0005)

Nomenclatura : **TSP1663865723413**

Composición:

✓ **No Contener ninguno de estos caracteres especiales :**

^<>'\"/;`%+*()

• Request:

```

1  {
2    "metadata": {
3      "_messageType": "Request",
4      "_messageId": "TSP1663865723413/",
5      "_messageIdOrg": "TSP1663865723413",
6      "_shortMessageId": "SP166386572341",
7      "_applicationId": "Tokenization",
8      "_serviceId": "clickToPay",
9      "_datetime": "2025-01-02T23:34:40"
10   },
11   "data": {
12     "body": {
13       "BIN": "411841"
14     }
15   }
16 }

```

• Response:

```

1  {
2      "metadata": {
3          "_messageType": "Response",
4          "_messageId": "TSP1663865723413/",
5          "_messageIdOrg": "TSP1663865723413",
6          "_shortMessageId": "SP166386572341",
7          "_applicationId": "Tokenization",
8          "_serviceId": "clickToPay",
9          "_datetime": "2025-01-29T16:23:59"
10     },
11     "errors": [
12         {
13             "code": "0005",
14             "title": "Formato invalido",
15             "detail": "_messageType es invalido"
16         },
17         {
18             "code": "0005",
19             "title": "Formato invalido",
20             "detail": "_messageId: Los caracteres especiales no estan
21                     permitidos para este campo"
22         }
23     ]
24 }

```

➤ Validación de Metadata campo “_messageIdOrg” (returnCode 0005)

Nomenclatura : [TSP1663865723413](#)

Composición:

✓ **No Contener ninguno de estos caracteres especiales :**

^<>'\"/;`%+*()

• Request:

```

1  {
2      "metadata": {
3          "_messageType": "Request",
4          "_messageId": "TSP1663865723413",
5          "_messageIdOrg": "TSP1663865723413/",
6          "_shortMessageId": "SP166386572341",
7          "_applicationId": "Tokenization",
8          "_serviceId": "clickToPay",
9          "_datetime": "2025-01-02T23:34:40"
10     },
11     "data": {
12         "body": {
13             "BIN": "411841"
14         }
15     }
16 }

```

• Response:

```

1  "metadata": {
2      "_messageType": "Response",
3      "_messageId": "TSP1663865723413",
4      "_messageIdOrg": "TSP1663865723413/",
5      "_shortMessageId": "SP166386572341",
6      "_applicationId": "Tokenization",
7      "_serviceId": "clickToPay",
8      "_datetime": "2025-01-29T16:25:40"
9  },
10
11  "errors": [
12      {
13          "code": "0005",
14          "title": "Formato invalido",
15          "detail": "_messageType es invalido"
16      },
17      {
18          "code": "0005",
19          "title": "Formato invalido",
20          "detail": "_messageIdOrg: Los caracteres especiales no estan
21                  permitidos para este campo"
22      }
23  ]

```

➤ **Validación de Metadata campo “_shortMessageId” (returnCode 0005)**

Nomenclatura : *SP166386572341*

Composición:

- ✓ **No Contener ninguno de estos caracteres especiales :**
 $\wedge < > \backslash \prime ; \backslash \% + * ()$

- Request:

```

1  "metadata": {
2      "_messageType": "Request",
3      "_messageId": "TSP1663865723413",
4      "_messageIdOrg": "TSP1663865723413",
5      "_shortMessageId": "SP166386572341/",
6      "_applicationId": "Tokenization",
7      "_serviceId": "clickToPay",
8      "_datetime": "2025-01-02T23:34:40"
9  },
10
11  "data": {
12      "body": {
13          "BIN": "411841"
14      }
15  }
16

```

- Response:

```

1  {
2      "metadata": {
3          "_messageType": "Response",
4          "_messageId": "TSP1663865723413",
5          "_messageIdOrg": "TSP1663865723413",
6          "_shortMessageId": "SP166386572341/",
7          "_applicationId": "Tokenization",
8          "_serviceId": "clickToPay",
9          "_datetime": "2025-01-29T16:14:23"
10     },
11     "errors": [
12         {
13             "code": "0005",
14             "title": "Formato invalido",
15             "detail": "_shortMessageId: Los caracteres especiales no estan
16                 permitidos para este campo"
17         }
18     ]
19 }

```

➤ Validación de Metadata campo “_applicationId” (returnCode 0005)

Nomenclatura : *Tokenization*

Composición:

✓ **No Contener ninguno de estos caracteres especiales :**

$\wedge < > \backslash \prime ; \sim \% + * ()$

• Request:

```

1  {
2      "metadata": {
3          "_messageType": "Request",
4          "_messageId": "TSP1663865723413",
5          "_messageIdOrg": "TSP1663865723413",
6          "_shortMessageId": "SP166386572341",
7          "_applicationId": "Tokenization/",
8          "_serviceId": "clickToPay",
9          "_datetime": "2025-01-02T23:34:40"
10     },
11     "data": {
12         "body": {
13             "BIN": "411841"
14         }
15     }
16 }

```

• Response:

```

1  {
2      "metadata": {
3          "_messageType": "Response",
4          "_messageId": "TSP1663865723413",
5          "_messageIdOrg": "TSP1663865723413",
6          "_shortMessageId": "SP166386572341",
7          "_applicationId": "Tokenization/",
8          "_serviceId": "clickToPay",
9          "_datetime": "2025-01-29T16:13:10"
10     },
11     "errors": [
12         {
13             "code": "0005",
14             "title": "Formato invalido",
15             "detail": "_applicationId: Los caracteres especiales no estan
16                 permitidos para este campo"
17         }
18     ]
19 }

```

➤ **Validación de Metadata campo “_serviceId” (returnCode 0005)**

Nomenclatura : [clickToPay](#)

Composición:

✓ **No Contener ninguno de estos caracteres especiales :**

`^<>\"/;`%+*()`

- Request:

```
1 {
2   "metadata": {
3     "_messageType": "Request",
4     "_messageId": "TSP1663865723413",
5     "_messageIdOrg": "TSP1663865723413",
6     "_shortMessageId": "SP166386572341",
7     "_applicationId": "Tokenization",
8     "_serviceId": "clickToPay/",
9     "_datetime": "2025-01-02T23:34:40"
10  },
11  "data": {
12    "body": {
13      "BIN": "411841"
14    }
15  }
16 }
```

- Response:

```
1 {
2   "metadata": {
3     "_messageType": "Response",
4     "_messageId": "TSP1663865723413",
5     "_messageIdOrg": "TSP1663865723413",
6     "_shortMessageId": "SP166386572341",
7     "_applicationId": "Tokenization",
8     "_serviceId": "clickToPay/",
9     "_datetime": "2025-01-29T16:31:02"
10  },
11  "errors": [
12    {
13      "code": "0005",
14      "title": "Formato invalido",
15      "detail": "_serviceId: Los caracteres especiales no estan
16               permitidos para este campo"
17    }
18  ]
19 }
```

➤ **Validación de Metadata campo “_datetime” (returnCode 0005)**

Nomenclatura : [2025-01-02T23:34:40](#)

Composición:

✓ **No Contener ninguno de estos caracteres especiales :**

`^<>\"/;`%+*()`

- Request:

```

1  {
2    "metadata": {
3      "_messageType": "Request",
4      "_messageId": "TSP1663865723413",
5      "_messageIdOrg": "TSP1663865723413",
6      "_shortMessageId": "SP166386572341",
7      "_applicationId": "Tokenization",
8      "_serviceId": "clickToPay",
9      "_datetime": "2025-01-02T23:34:40"
10   },
11   "data": {
12     "body": {
13       "BIN": "411841"
14     }
15   }
16 }

```

- Response:

```

1  {
2    "metadata": {
3      "_messageType": "Response",
4      "_messageId": "TSP1663865723413",
5      "_messageIdOrg": "TSP1663865723413",
6      "_shortMessageId": "SP166386572341",
7      "_applicationId": "Tokenization",
8      "_serviceId": "clickToPay",
9      "_datetime": "2025-01-29T16:33"
10   },
11   "errors": [
12     {
13       "code": "0005",
14       "title": "Formato invalido",
15       "detail": "_datetime: solo acepta formato datetime"
16     }
17   ]
18 }

```

➤ Validación de campo "BIN" (returnCode 05)

Nomenclatura : 450757

Composición:

- ✓ Contener solo números :
d{1,6}

- Request:

```

1  {
2    "metadata": {
3      "_messageType": "Request",
4      "_messageId": "TSP1663865723413",
5      "_messageIdOrg": "TSP1663865723413",
6      "_shortMessageId": "SP166386572341",
7      "_applicationId": "Tokenization",
8      "_serviceId": "clickToPay",
9      "_datetime": "2025-01-02T23:34:40"
10   },
11   "data": {
12     "body": {
13       "BIN": "411841A"
14     }
15   }
16 }

```

- Response:


```

1  "metadata": {
2      "_messageType": "Response",
3      "_messageId": "TSP1663865723413",
4      "_messageIdOrg": "TSP1663865723413",
5      "_shortMessageId": "SP166386572341",
6      "_applicationId": "Tokenization",
7      "_serviceId": "clickToPay",
8      "_datetime": "2025-01-29T16:11:43"
9  },
10
11  "errors": [
12      {
13          "code": "0005",
14          "title": "Formato invalido",
15          "detail": "BIN invalido"
16      }
17  ]
18

```

➤ **Prueba con todos los campos correctos (returnCode 00)**

**Que el BIN a consultar se encuentre en la tabla
TOKENIZATION_CODE_CARD**

```

SELECT * FROM DWBA.TOKENIZATION_CODE_CARD
WHERE BIN = '411841';

```

TOKENIZATION_CODE_CARD				
SELECT * FROM DWBA.TOKENIZATION_CODE_CARD WHERE BIN = Enter a SQL expression to filter result:				
	ABC BIN	123 TIPO_PRODUCTO	ABC NOMBRE_PRODUCTO	ABC CODIGO
1	411841	1	VISA DEBITO CLASICA	141184100

- Request

```

1  {
2    "metadata": {
3      "_messageType": "Request",
4      "_messageId": "TSP1663865723413",
5      "_messageIdOrg": "TSP1663865723413",
6      "_shortMessageId": "SP166386572341",
7      "_applicationId": "Tokenization",
8      "_serviceId": "clickToPay",
9      "_datetime": "2025-01-02T23:34:40"
10   },
11   "data": {
12     "body": {
13       "BIN": "411841"
14     }
15   }
16 }

```

- Response

```

1  {
2    "metadata": {
3      "_messageType": "Response",
4      "_messageId": "TSP1663865723413",
5      "_messageIdOrg": "TSP1663865723413",
6      "_shortMessageId": "SP166386572341",
7      "_applicationId": "Tokenization",
8      "_serviceId": "clickToPay",
9      "_datetime": "2025-01-29T16:08:15"
10   },
11   "data": {
12     "body": {
13       "code": "00",
14       "title": "Exito",
15       "description": "Consulta Exitosa",
16       "productName": "VISA DEBITO CLASICA"
17     }
18   }
19 }

```

➤ ***BIN inexistente en la tabla TOKENIZATION_CODE_CARD (returnCode 05)***

```

SELECT * FROM DWBA.TOKENIZATION_CODE_CARD
WHERE BIN = '411840';

```

ENIZATION_CODE_CARD ✕				
ECT * FROM DWBA.TOKENIZATION_CODE_CARD WHERE BIN = <input type="text"/> Enter a SQL expression to filter res				
ABC BIN	123 TIPO_PRODUCTO	ABC NOMBRE_PRODUCTO	ABC CODIGO	

- Request

```
1 {
2   "metadata": {
3     "_messageType": "Request",
4     "_messageId": "TSP1663865723413",
5     "_messageIdOrg": "TSP1663865723413",
6     "_shortMessageId": "SP166386572341",
7     "_applicationId": "Tokenization",
8     "_serviceId": "clickToPay",
9     "_datetime": "2025-01-02T23:34:40"
10  },
11  "data": {
12    "body": {
13      "BIN": "411840"
14    }
15  }
16 }
```

- Response

```
1 {
2   "metadata": {
3     "_messageType": "Response",
4     "_messageId": "TSP1663865723413",
5     "_messageIdOrg": "TSP1663865723413",
6     "_shortMessageId": "SP166386572341",
7     "_applicationId": "Tokenization",
8     "_serviceId": "clickToPay",
9     "_datetime": "2025-01-29T16:06:17"
10  },
11  "data": {
12    "body": {
13      "code": "05",
14      "title": "Error",
15      "description": "No se encontro Producto con el BIN ingresado"
16    }
17  }
18 }
```