

MATRIZ DE PRUEBAS TÉCNICAS

ID iniciativa	Nombre de la iniciativa	Fecha	Nombre de quien coordina la prueba	Cargo
707359	ClickToPay	6/06/2025	Ricardo Hernández Esquivel	Desarrollador

755955	Modificación en clicktopay-bulkstatus en CMC	Resultado		
Criterios de aceptación		Aprobado	Pendiente	Observaciones
<div>➔ Api clicktopay-bulkstatus</div> <div><ul style="list-style-type: none">Esta api pertenece a Cmc se desarrolla para Click to Pay, esta servirá para insertar y actualizar la información de los bulks enviados a HST, en la tabla BULK_STATUS_CTP.Para evitar la vulnerabilidad, a esta api se le realizan validaciones de sql injection.</div> <div><div>▪ JSON Body Request:</div><pre>{ "metadata": { "_messageType": "Request", "_datetime": "2025-05-21T00:00:35", "_messageIdOrg": "TS1663865723413", "_applicationId": "Tokenization", "_serviceId": "bulkprovisionnotification", "_shortMessageId": "S1663865723413", "_messageId": "TS1663865723413" }, "data": { "body": { "event": "nuevo", "bulkPushReceiptID": "BLK00006", "status": "JOB_PENDING" } }}</pre></div> <div>➤ Validación de Metadata campo “_messageType” (returnCode 0005)</div> <div><div>Nomenclatura : <i>Request</i></div><div><ul style="list-style-type: none">Request:</div><div><pre>1 {2 "metadata": {3 "_messageType": "Request/",4 "_datetime": "2025-05-21T00:00:35",5 "_messageIdOrg": "TS1663865723413",6 "_applicationId": "Tokenization",7 "_serviceId": "bulkprovisionnotification",8 "_shortMessageId": "S1663865723413",9 "_messageId": "TS1663865723413"10 },11 "data": {12 "body": {13 "event": "nuevo", //nuevo modificar14 "bulkPushReceiptID": "BLK00006",15 "status": "JOB_PENDING" //JOB_FINISHED JOB_FAILED JOB_PENDING16 }17 }18 }</pre></div><div><ul style="list-style-type: none">Response:</div></div>				

```

1  {
2    "metadata": {
3      "_messageType": "Response",
4      "_messageId": "TS1663865723413",
5      "_messageIdOrg": "TS1663865723413",
6      "_shortMessageId": "S1663865723413",
7      "_applicationId": "Tokenization",
8      "_serviceId": "bulkprovisionnotification",
9      "_datetime": "2025-05-21T21:50"
10   },
11   "errors": [
12     {
13       "code": "0005",
14       "title": "Formato invalido",
15       "detail": "_messageType: Los caracteres especiales no estan permitidos para
16         este campo"
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      "_datetime": "2025-05-21T00:00:35",
5      "_messageIdOrg": "TS1663865723413",
6      "_applicationId": "Tokenization",
7      "_serviceId": "bulkprovisionnotification",
8      "_shortMessageId": "S1663865723413",
9      "_messageId": "TS1663865723413",
10   },
11   "data": {
12     "body": {
13       "event": "nuevo", //nuevo|modificar
14       "bulkPushReceiptID": "BLK00006",
15       "status": "JOB_PENDING" //JOB_FINISHED|JOB_FAILED|JOB_PENDING
16     }
17   }
18 }

```

• Response:

```

1  {
2    "metadata": {
3      "_messageType": "Response",
4      "_messageId": "TS1663865723413/",
5      "_messageIdOrg": "TS1663865723413",
6      "_shortMessageId": "S1663865723413",
7      "_applicationId": "Tokenization",
8      "_serviceId": "bulkprovisionnotification",
9      "_datetime": "2025-05-21T21:53:54"
10   },
11   "errors": [
12     {
13       "code": "0005",
14       "title": "Formato invalido",
15       "detail": "_messageId: Los caracteres especiales no estan permitidos para este
16         campo"
17     }
18   ]

```

➤ **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     "_datetime": "2025-05-21T08:00:35",
5     "_messageIdOrg": "TS1663865723413/",
6     "_applicationId": "Tokenization",
7     "_serviceId": "bulkprovisionnotification",
8     "_shortMessageId": "S1663865723413",
9     "_messageId": "TS1663865723413"
10  },
11  "data": {
12    "body": {
13      "event": "nuevo", //nuevo|modificar
14      "bulkPushReceiptID": "BLK00006",
15      "status": "JOB_PENDING" //JOB_FINISHED|JOB_FAILED|JOB_PENDING
16    }
17  }
18 }
```

- Response:

```
1 {
2   "metadata": {
3     "_messageType": "Response",
4     "_messageId": "TS1663865723413",
5     "_messageIdOrg": "TS1663865723413/",
6     "_shortMessageId": "S1663865723413",
7     "_applicationId": "Tokenization",
8     "_serviceId": "bulkprovisionnotification",
9     "_datetime": "2025-05-21T21:55:06"
10  },
11  "errors": [
12    {
13      "code": "0005",
14      "title": "Formato invalido",
15      "detail": "_messageIdOrg: Los caracteres especiales no estan permitidos para este campo"
16    }
17  ]
18 }
```

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

Nomenclatura : SP166386572341

Composición:

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

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

- Request:

```

1  {
2    "metadata": {
3      "_messageType": "Request",
4      "_datetime": "2025-05-21T00:00:35",
5      "_messageIdOrg": "TS1663865723413",
6      "_applicationId": "Tokenization",
7      "_serviceId": "bulkprovisionnotification",
8      "_shortMessageId": "S1663865723413/",
9      "_messageId": "TS1663865723413"
10   },
11   "data": {
12     "body": {
13       "event": "nuevo", //nuevo|modificar
14       "bulkPushReceiptID": "BLK00006",
15       "status": "JOB_PENDING" //JOB_FINISHED|JOB_FAILED|JOB_PENDING
16     }
17   }
18 }

```

- Response:

```

1  {
2    "metadata": {
3      "_messageType": "Response",
4      "_messageId": "TS1663865723413",
5      "_messageIdOrg": "TS1663865723413",
6      "_shortMessageId": "S1663865723413/",
7      "_applicationId": "Tokenization",
8      "_serviceId": "bulkprovisionnotification",
9      "_datetime": "2025-05-21T21:56:04"
10   },
11   "errors": [
12     {
13       "code": "0005",
14       "title": "Formato invalido",
15       "detail": "_shortMessageId: Los caracteres especiales no estan permitidos para este campo"
16     }
17   ]
18 }

```

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

Nomenclatura : *Tokenization*

Composición:

- ✓ **No Contener ninguno de estos caracteres especiales :**
`^<>'"/;`%+*()`

- Request:

```

1  {
2    "metadata": {
3      "_messageType": "Request",
4      "_datetime": "2025-05-21T00:00:35",
5      "_messageIdOrg": "TS1663865723413",
6      "_applicationId": "Tokenization/",
7      "_serviceId": "bulkprovisionnotification",
8      "_shortMessageId": "S1663865723413",
9      "_messageId": "TS1663865723413"
10   },
11   "data": {
12     "body": {
13       "event": "nuevo", //nuevo|modificar
14       "bulkPushReceiptID": "BLK00006",
15       "status": "JOB_PENDING" //JOB_FINISHED|JOB_FAILED|JOB_PENDING
16     }
17   }
18 }

```

- Response:

```

1  {
2    "metadata": {
3      "_messageType": "Response",
4      "_messageId": "TS1663865723413",
5      "_messageIdOrg": "TS1663865723413",
6      "_shortMessageId": "S1663865723413",
7      "_applicationId": "Tokenization/",
8      "_serviceId": "bulkprovisionnotification",
9      "_datetime": "2025-05-21T21:57:05"
10   },
11   "errors": [
12     {
13       "code": "0005",
14       "title": "Formato invalido",
15       "detail": "_applicationId: Los caracteres especiales no estan permitidos para
16               este campo"
17     }
18   ]

```

➤ 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      "_datetime": "2025-05-21T00:00:35",
5      "_messageIdOrg": "TS1663865723413",
6      "_applicationId": "Tokenization",
7      "_serviceId": "bulkprovisionnotification/",
8      "_shortMessageId": "S1663865723413",
9      "_messageId": "TS1663865723413"
10   },
11   "data": {
12     "body": {
13       "event": "nuevo", //nuevo|modificar
14       "bulkPushReceiptID": "BLK000006",
15       "status": "JOB_PENDING" //JOB_FINISHED|JOB_FAILED|JOB_PENDING
16     }
17   }
18 }

```

• Response:

```

1  {
2    "metadata": {
3      "_messageType": "Response",
4      "_messageId": "TS1663865723413",
5      "_messageIdOrg": "TS1663865723413",
6      "_shortMessageId": "S1663865723413",
7      "_applicationId": "Tokenization",
8      "_serviceId": "bulkprovisionnotification/",
9      "_datetime": "2025-05-21T21:58:01"
10   },
11   "errors": [
12     {
13       "code": "0005",
14       "title": "Formato invalido",
15       "detail": "_serviceId: Los caracteres especiales no estan permitidos para
16               este campo"
17     }
18   ]

```

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

Composición:

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

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

- **Request:**

```
1 {
2   "metadata": {
3     "messageType": "Request",
4     "_datetime": "2025-05-21T00:00:35A",
5     "messageIdOrg": "TS1663865723413",
6     "_applicationId": "Tokenization",
7     "_serviceId": "bulkprovisionnotification",
8     "_shortMessageId": "S1663865723413",
9     "messageId": "TS1663865723413"
10  },
11  "data": {
12    "body": {
13      "event": "nuevo", //nuevo|modificar
14      "bulkPushReceiptID": "BLK00006",
15      "status": "JOB_PENDING" //JOB_FINISHED|JOB_FAILED|JOB_PENDING
16    }
17  }
18 }
```

- **Response:**

```
1 {
2   "metadata": {
3     "messageType": "Response",
4     "_messageId": "TS1663865723413",
5     "messageIdOrg": "TS1663865723413",
6     "_shortMessageId": "S1663865723413",
7     "_applicationId": "Tokenization",
8     "_serviceId": "bulkprovisionnotification",
9     "_datetime": "2025-05-21T21:59:05"
10  },
11  "errors": [
12    {
13      "code": "0005",
14      "title": "Formato invalido",
15      "detail": "_datetime: solo acepta formato datetime"
16    }
17  ]
18 }
```

➤ **Validación de campo “event” (returnCode 0005)**

Nomenclatura : *nuevo*

Composición:

✓ **Contener una de estas opciones :**

nuevo | modificar

- **Request:**

```

1  {}
2  {
3      "metadata": {
4          "_messageType": "Request",
5          "_datetime": "2025-05-21T00:00:35",
6          "_messageIdOrg": "TS1663865723413",
7          "_applicationId": "Tokenization",
8          "_serviceId": "bulkprovisionnotification",
9          "_shortMessageId": "S1663865723413",
10         "_messageId": "TS1663865723413"
11     },
12     "data": {
13         "body": {
14             "event": "new", //nuevo|modificar
15             "bulkPushReceiptID": "BLK00006",
16             "status": "JOB_PENDING" //JOB_FINISHED|JOB_FAILED|JOB_PENDING
17         }
18     }
19 }

```

- Response:

```

1  {}
2  {
3      "metadata": {
4          "_messageType": "Response",
5          "_messageId": "TS1663865723413",
6          "_messageIdOrg": "TS1663865723413",
7          "_shortMessageId": "S1663865723413",
8          "_applicationId": "Tokenization",
9          "_serviceId": "bulkprovisionnotification",
10         "_datetime": "2025-06-05T23:57:27"
11     },
12     "errors": [
13         {
14             "code": "0005",
15             "title": "Formato invalido",
16             "detail": "event invalido"
17         }
18     ]
19 }

```

➤ **Validación de campo “bulkPushReceiptID” (returnCode 0005)**

Nomenclatura : **BLK00001**

Composición:

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

- Request:

```

1  {}
2  {
3      "metadata": {
4          "_messageType": "Request",
5          "_datetime": "2025-05-21T00:00:35",
6          "_messageIdOrg": "TS1663865723413",
7          "_applicationId": "Tokenization",
8          "_serviceId": "bulkprovisionnotification",
9          "_shortMessageId": "S1663865723413",
10         "_messageId": "TS1663865723413"
11     },
12     "data": {
13         "body": {
14             "event": "nuevo", //nuevo|modificar
15             "bulkPushReceiptID": "BLK00006/",
16             "status": "JOB_PENDING" //JOB_FINISHED|JOB_FAILED|JOB_PENDING
17         }
18     }
19 }

```

- Response:


```

1  {
2    "metadata": {
3      "_messageType": "Response",
4      "_messageId": "TS1663865723413",
5      "_messageIdOrg": "TS1663865723413",
6      "_shortMessageId": "S1663865723413",
7      "_applicationId": "Tokenization",
8      "_serviceId": "bulkprovisionnotification",
9      "_datetime": "2025-06-05T23:58:30"
10   },
11   "errors": [
12     {
13       "code": "0005",
14       "title": "Formato invalido",
15       "detail": "bulkPushReceiptID: Los caracteres especiales no estan permitidos
16         para este campo"
17     }
18   ]
19 }

```

➤ Validación de campo “status” (returnCode 0005)

Nomenclatura : *JOB_PENDING*

Composición:

- ✓ Contener una de estas opciones :
JOB_FINISHED | JOB_FAILED | JOB_PENDING

• Request:

```

1  {
2    "metadata": {
3      "_messageType": "Request",
4      "_datetime": "2025-05-21T00:00:35",
5      "_messageIdOrg": "TS1663865723413",
6      "_applicationId": "Tokenization",
7      "_serviceId": "bulkprovisionnotification",
8      "_shortMessageId": "S1663865723413",
9      "_messageId": "TS1663865723413"
10   },
11   "data": {
12     "body": {
13       "event": "nuevo", //nuevo|modificar
14       "bulkPushReceiptID": "BLK000006",
15       "status": "JOB_PENDING" //JOB_FINISHED|JOB_FAILED|JOB_PENDING
16     }
17   }
18 }

```

• Response:

```

1  {
2    "metadata": {
3      "_messageType": "Response",
4      "_messageId": "TS1663865723413",
5      "_messageIdOrg": "TS1663865723413",
6      "_shortMessageId": "S1663865723413",
7      "_applicationId": "Tokenization",
8      "_serviceId": "bulkprovisionnotification",
9      "_datetime": "2025-06-05T23:59:39"
10   },
11   "errors": [
12     {
13       "code": "0005",
14       "title": "Formato invalido",
15       "detail": "status invalido"
16     }
17   ]
18 }

```

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

• Request

```
1 {
2   "metadata": {
3     "_messageType": "Request",
4     "_datetime": "2025-05-21T00:00:35",
5     "_messageIdOrg": "TS1663865723413",
6     "_applicationId": "Tokenization",
7     "_serviceId": "bulkprovisionnotification",
8     "_shortMessageId": "S1663865723413",
9     "_messageId": "TS1663865723413"
10  },
11  "data": {
12    "body": {
13      "event": "nuevo", //nuevo|modificar
14      "bulkPushReceiptID": "BLK00007",
15      "status": "JOB_PENDING" //JOB_FINISHED|JOB_FAILED|JOB_PENDING
16    }
17  }
18 }
```

• Response

```
1 {
2   "metadata": {
3     "_messageType": "Response",
4     "_messageId": "TS1663865723413",
5     "_messageIdOrg": "TS1663865723413",
6     "_shortMessageId": "S1663865723413",
7     "_applicationId": "Tokenization",
8     "_serviceId": "bulkprovisionnotification",
9     "_datetime": "2025-06-06T00:00:57"
10  },
11  "data": {
12    "body": {
13      "code": "00",
14      "title": "Exito",
15      "detail": "Insercion Exitosa"
16    }
17  }
18 }
```

*Se verifica que el bulkPushReceiptID se inserte se en la tabla
BULK_STATUS_CTP*

SELECT * FROM DWBA.BULK_STATUS_CTP bsc ;

LECT* FROM DWBA.BULK_STATUS_CTP bsc

ID_REGISTRO	BULKRECEIPTID	BULK_STATUS	FECHAHORA
1	BLK00001	JOB_PENDING	2025-05-20 12:34:56
2	BLK00002	JOB_FINISHED	2025-06-05 23:32:51
3	BLK00003	JOB_FAILED	2025-06-05 23:33:14
4	BLK00004	JOB_PENDING	2025-05-20 12:36:58
5	BLK00005	JOB_PENDING	2025-05-20 12:36:58
6	BLK00006	JOB_PENDING	2025-06-05 23:33:40
7	BLK00007	JOB_PENDING	2025-06-06 00:00:57

➤ Prueba de actualización de status (returnCode 00)

• Request

```
1 {
2   "metadata": {
3     "_messageType": "Request",
4     "_datetime": "2025-06-21T00:00:35",
5     "_messageIdOrg": "TS1663865723413",
6     "_applicationId": "Tokenization",
7     "_serviceId": "bulkprovisionnotification",
8     "_shortMessageId": "S1663865723413",
9     "_messageId": "TS1663865723413"
10  },
11  "data": {
12    "body": {
13      "event": "modificar", //nuevo|modificar
14      "bulkPushReceiptID": "BLK00007",
15      "status": "JOB_FAILED" //JOB_FINISHED|JOB_FAILED|JOB_PENDING
16    }
17  }
18 }
```

• Response

```
1 {
2   "metadata": {
3     "_messageType": "Response",
4     "_messageId": "TS1663865723413",
5     "_messageIdOrg": "TS1663865723413",
6     "_shortMessageId": "S1663865723413",
7     "_applicationId": "Tokenization",
8     "_serviceId": "bulkprovisionnotification",
9     "_datetime": "2025-06-06T00:06:34"
10  },
11  "data": {
12    "body": {
13      "code": "00",
14      "title": "Exito",
15      "detail": "Actualizacion Exitosa"
16    }
17  }
18 }
```

Validamos que el status y la fecha del bulkPushReceiptID ingresado se encuentre actualizado en la tabla BULK_STATUS_CTP

SELECT * FROM DWBA.BULK_STATUS_CTP bsc ;

LK_STATUS_CTP

LECT * FROM DWBA.BULK_STATUS_CTP bsc

ID_REGISTRO	BULKRECEIPTID	BULK_STATUS	FECHAHORA
1	BLK00001	JOB_PENDING	2025-05-20 12:34:56
2	BLK00002	JOB_FINISHED	2025-06-05 23:32:51
3	BLK00003	JOB_FAILED	2025-06-05 23:33:14
4	BLK00004	JOB_PENDING	2025-05-20 12:36:58
5	BLK00005	JOB_PENDING	2025-05-20 12:36:58
6	BLK00006	JOB_PENDING	2025-06-05 23:33:40
7	BLK00007	JOB_FAILED	2025-06-06 00:06:34

➤ **Prueba de actualización fallida (returnCode 05) – bulkPushReceipt no existente**

- Request

```
1  {
2    "metadata": {
3      "_messageType": "Request",
4      "_datetime": "2025-05-21T00:00:35",
5      "_messageIdOrg": "TS1663865723413",
6      "_applicationId": "Tokenization",
7      "_serviceId": "bulkprovisionnotification",
8      "_shortMessageId": "S1663865723413",
9      "_messageId": "TS1663865723413"
10   },
11   "data": {
12     "body": {
13       "event": "modificar", //nuevo|modificar
14       "bulkPushReceiptID": "BLK00000",
15       "status": "JOB_FAILED" //JOB_FINISHED|JOB_FAILED|JOB_PENDING
16     }
17   }
18 }
```

- Response

```
1  {
2    "metadata": {
3      "_messageType": "Response",
4      "_messageId": "TS1663865723413",
5      "_messageIdOrg": "TS1663865723413",
6      "_shortMessageId": "S1663865723413",
7      "_applicationId": "Tokenization",
8      "_serviceId": "bulkprovisionnotification",
9      "_datetime": "2025-06-06T00:09:15"
10   },
11   "data": {
12     "body": {
13       "code": "05",
14       "title": "Error",
15       "detail": "Actualizacion Fallida"
16     }
17   }
18 }
```