MATRIZ DE PRUEBAS TÉCNICAS

ID iniciativa	Nombre de la iniciativa	Fecha	Nombre de quien coordina la prueba	Cargo
707359	ClickToPay	28/05/2025	Ricardo Hernández Esquivel	Desarrollador

747932	*Creación de API clicktopay-bulkstatus en CMC*	Resultado		
Criterios de aceptación		**Aprobado**	**Pendiente**	**Observaciones**

➜ **Api clicktopay-bulkstatus**
 	
• Esta api pertenece a Cmc se desarrolla para Click to Pay, esta servirá para actualizar la información de los bulks enviados a HST, en la tabla <mark>BULK_STATUS_CTP</mark>.
 	
• 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.
 	
    ▪ JSON Body Request:
<pre>{
  "metadata": {
    "_messageType": "Request",
    "_datetime": "2025-05-21T00:00:35",
    "_messageIdOrg": "TS1663865723413",
    "_applicationId": "Tokenization",
    "_serviceId": "bulkprovisionnotification",
    "_shortMessageId": "S1663865723413",
    "_messageId": "TS1663865723413"
  },
  "data": {
    "body": {
      "bulkPushReceiptID": "BLK00001",
      "bulkStatus": "JOB_PENDING"
    }
  }
}</pre>
➢ *Validación de Metadata campo "_messageType" (returnCode 0005)*
 	
Nomenclatura : Request
 	
• Request:
 	
• Response:				

```
 1  {
 2      "metadata": {
 3          "_messageType": "Response",
 4          "_messageId": "TS1663865723413",
 5          "_messageIdOrg": "TS1663865723413",
 6          "_shortMessageId": "S1663865723413",
 7          "_applicationId": "Tokenization",
 8          "_serviceId": "bulkprovisionnotification",
 9          "_datetime": "2025-05-21T21:50"
10      },
11      "errors": [
12          {
13              "code": "0005",
14              "title": "Formato invalido",
15              "detail": "_messageType: Los caracteres especiales no estan permitidos para
                    este campo"
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          "_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              "bulkPushReceiptID": "BLK00001",
14              "bulkStatus": "JOB_PENDING" //JOB_FINISHED|JOB_FAILED|JOB_PENDING
15          }
16      }
17  }
```

- 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
                    campo"
16          }
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": "2025-05-21T00:00:35",
5           "_messageIdOrg": "TS1663865723413/",
6           "_applicationId": "Tokenization",
7           "_serviceId": "bulkprovisionnotification",
8           "_shortMessageId": "S1663865723413",
9           "_messageId": "TS1663865723413"
10      },
11      "data": {
12          "body": {
13              "bulkPushReceiptID": "BLK00001",
14              "bulkStatus": "JOB_PENDING" //JOB_FINISHED|JOB_FAILED|JOB_PENDING
15          }
16      }
17  }
```

- 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:

```json
{
    "metadata": {
        "_messageType": "Request",
        "_datetime": "2025-05-21T00:00:35",
        "_messageIdOrg": "TS1663865723413",
        "_applicationId": "Tokenization",
        "_serviceId": "bulkprovisionnotification",
        "_shortMessageId": "S1663865723413/",
        "_messageId": "TS1663865723413"
    },
    "data": {
        "body": {
            "bulkPushReceiptID": "BLK00001",
            "bulkStatus": "JOB_PENDING" //JOB_FINISHED|JOB_FAILED|JOB_PENDING
        }
    }
}
```

- Response:

```json
{
    "metadata": {
        "_messageType": "Response",
        "_messageId": "TS1663865723413",
        "_messageIdOrg": "TS1663865723413",
        "_shortMessageId": "S1663865723413/",
        "_applicationId": "Tokenization",
        "_serviceId": "bulkprovisionnotification",
        "_datetime": "2025-05-21T21:56:04"
    },
    "errors": [
        {
            "code": "0005",
            "title": "Formato invalido",
            "detail": "_shortMessageId: Los caracteres especiales no estan permitidos para
                este campo"
        }
    ]
}
```

➢ **Validación de Metadata campo "_applicationId" (returnCode 0005)**

Nomenclatura : *Tokenization*

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

- Request:

```json
{
    "metadata": {
        "_messageType": "Request",
        "_datetime": "2025-05-21T00:00:35",
        "_messageIdOrg": "TS1663865723413",
        "_applicationId": "Tokenization/",
        "_serviceId": "bulkprovisionnotification",
        "_shortMessageId": "S1663865723413",
        "_messageId": "TS1663865723413"
    },
    "data": {
        "body": {
            "bulkPushReceiptID": "BLK00001",
            "bulkStatus": "JOB_PENDING" //JOB_FINISHED|JOB_FAILED|JOB_PENDING
        }
    }
}
```

- Response:

```json
{
    "metadata": {
        "_messageType": "Response",
        "_messageId": "TS1663865723413",
        "_messageIdOrg": "TS1663865723413",
        "_shortMessageId": "S1663865723413",
        "_applicationId": "Tokenization/",
        "_serviceId": "bulkprovisionnotification",
        "_datetime": "2025-05-21T21:57:05"
    },
    "errors": [
        {
            "code": "0005",
            "title": "Formato invalido",
            "detail": "_applicationId: Los caracteres especiales no estan permitidos para
                este campo"
        }
    ]
}
```

➢ *Validación de Metadata campo "_serviceId" (returnCode 0005)*

Nomenclatura : *clickToPay*

Composición:

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

• Request:

```json
{
    "metadata": {
        "_messageType": "Request",
        "_datetime": "2025-05-21T00:00:35",
        "_messageIdOrg": "TS1663865723413",
        "_applicationId": "Tokenization",
        "_serviceId": "bulkprovisionnotification/",
        "_shortMessageId": "S1663865723413",
        "_messageId": "TS1663865723413"
    },
    "data": {
        "body": {
            "bulkPushReceiptID": "BLK00001",
            "bulkStatus": "JOB_PENDING" //JOB_FINISHED|JOB_FAILED|JOB_PENDING
        }
    }
}
```

• Response:

```json
{
    "metadata": {
        "_messageType": "Response",
        "_messageId": "TS1663865723413",
        "_messageIdOrg": "TS1663865723413",
        "_shortMessageId": "S1663865723413",
        "_applicationId": "Tokenization",
        "_serviceId": "bulkprovisionnotification/",
        "_datetime": "2025-05-21T21:58:01"
    },
    "errors": [
        {
            "code": "0005",
            "title": "Formato invalido",
            "detail": "_serviceId: Los caracteres especiales no estan permitidos para este
                campo"
        }
    ]
}
```

➢ *Validación de Metadata campo "_datetime" (returnCode 0005)*

Nomenclatura : 2025-01-02T23:34:40

Composición:

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

- Request:

```json
{
    "metadata": {
        "_messageType": "Request",
        "_datetime": "2025-05-21T00:00:35A",
        "_messageIdOrg": "TS1663865723413",
        "_applicationId": "Tokenization",
        "_serviceId": "bulkprovisionnotification",
        "_shortMessageId": "S1663865723413",
        "_messageId": "TS1663865723413"
    },
    "data": {
        "body": {
            "bulkPushReceiptID": "BLK00001",
            "bulkStatus": "JOB_PENDING" //JOB_FINISHED|JOB_FAILED|JOB_PENDING
        }
    }
}
```

- Response:

```json
{
    "metadata": {
        "_messageType": "Response",
        "_messageId": "TS1663865723413",
        "_messageIdOrg": "TS1663865723413",
        "_shortMessageId": "S1663865723413",
        "_applicationId": "Tokenization",
        "_serviceId": "bulkprovisionnotification",
        "_datetime": "2025-05-21T21:59:05"
    },
    "errors": [
        {
            "code": "0005",
            "title": "Formato invalido",
            "detail": "_datetime: solo acepta formato datetime"
        }
    ]
}
```

➢ *Validación de campo "bulkPushReceiptID" (returnCode 0005)*

Nomenclatura : BLK00001

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              "bulkPushReceiptID": "BLK00001/",
14              "bulkStatus": "JOB_PENDING" //JOB_FINISHED|JOB_FAILED|JOB_PENDING
15          }
16      }
17  }
```

- Response:

```
 1  {
 2      "metadata": {
 3          "_messageType": "Response",
 4          "_messageId": "TS1663865723413",
 5          "_messageIdOrg": "TS1663865723413",
 6          "_shortMessageId": "S1663865723413",
 7          "_applicationId": "Tokenization",
 8          "_serviceId": "bulkprovisionnotification",
 9          "_datetime": "2025-05-21T22:16:13"
10      },
11      "errors": [
12          {
13              "code": "0005",
14              "title": "Formato invalido",
15              "detail": "bulkPushReceiptID: Los caracteres especiales no estan permitidos
                   para este campo"
16          }
17      ]
18  }
```

➢ *Validación de campo "bulkStatus" (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              "bulkPushReceiptID": "BLK00001",
14              "bulkStatus": "JOB_PENDING1" /JOB_FINISHED|JOB_FAILED|JOB_PENDING
15          }
16      }
17  }
```

- Response:

```
 1  {
 2      "metadata": {
 3          "_messageType": "Response",
 4          "_messageId": "TS1663865723413",
 5          "_messageIdOrg": "TS1663865723413",
 6          "_shortMessageId": "S1663865723413",
 7          "_applicationId": "Tokenization",
 8          "_serviceId": "bulkprovisionnotification",
 9          "_datetime": "2025-05-21T22:17:39"
10      },
11      "errors": [
12          {
13              "code": "0005",
14              "title": "Formato invalido",
15              "detail": "bulkStatus invalido"
16          }
17      ]
18  }
```

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

Que el bulkPushReceiptID a consultar se encuentre en la tabla BULK_STATUS_CTP

```sql
SELECT * FROM DWBA.BULK_STATUS_CTP;
```

BULK_STATUS_CTP ☒

SELECT * FROM DWBA.BULK_STATUS_CTP | Enter a SQL expression to filter results (use Ctrl+Space)

	123 ID_REGISTRO	ABC BULKRECEIPTID	ABC BULK_STATUS	🕐 FECHAHORA
1	1	BLK00001	REGISTRED	2025-05-20 12:34:56
2	2	BLK00002	REGISTRED	2025-05-20 12:35:57
3	3	BLK00003	REGISTRED	2025-05-20 12:36:58

● 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              "bulkPushReceiptID": "BLK00001",
14              "bulkStatus": "JOB_FINISHED" //JOB_FINISHED|JOB_FAILED|JOB_PENDING
15          }
16      }
17  }
```

● Response

```
 1  {
 2      "metadata": {
 3          "_messageType": "Response",
 4          "_messageId": "TS1663865723413",
 5          "_messageIdOrg": "TS1663865723413",
 6          "_shortMessageId": "S1663865723413",
 7          "_applicationId": "Tokenization",
 8          "_serviceId": "bulkprovisionnotification",
 9          "_datetime": "2025-05-21T22:20:59"
10      },
11      "data": {
12          "body": {
13              "code": "00",
14              "title": "Exito",
15              "detail": "Actualizacion Exitosa"
16          }
17      }
18  }
```

➢ *bulkPushReceiptID inexistente en la tabla BULK_STATUS_CTP (returnCode 05)*

```sql
SELECT * FROM DWBA.BULK_STATUS_CTP
WHERE BULKRECEIPTID = 'BLK00000';
```

BULK_STATUS_CTP ⊠

SELECT * FROM DWBA.BULK_STATUS_CTP WHERE BULKRECEIPTID = 'B   Enter a SQL expression to filter

123 ID_REGISTRO	ABC BULKRECEIPTID	ABC BULK_STATUS	⏱ FECHAHORA

- 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              "bulkPushReceiptID": "BLK00000",
14              "bulkStatus": "JOB_FINISHED" //JOB_FINISHED|JOB_FAILED|JOB_PENDING
15          }
16      }
17  }
```

- Response

```json
{
    "metadata": {
        "_messageType": "Response",
        "_messageId": "TS1663865723413",
        "_messageIdOrg": "TS1663865723413",
        "_shortMessageId": "S1663865723413",
        "_applicationId": "Tokenization",
        "_serviceId": "bulkprovisionnotification",
        "_datetime": "2025-05-21T22:23:17"
    },
    "data": {
        "body": {
            "code": "05",
            "title": "Error",
            "detail": "No existe registro con el bulkPushReceiptID ingresado"
        }
    }
}
```