

MATRIZ DE PRUEBAS TÉCNICAS

ID iniciativa	Nombre de la iniciativa	Fecha	Nombre de quien coordina la prueba	Cargo
699369	Mejoras Tokenizacion	22/01/2025	Ricardo Hernández Esquivel	Desarrollador

		Resultado		
Criterios de aceptación		Aprobado	Pendiente	Observaciones
<p>➔ Api DeviceAuthenticationMethod</p> <ul style="list-style-type: none">Esta api pertenece a Cmc se desarrolla para extraer los datos de contacto que el cliente tenga registrados, de esta manera se pretende el poder realizar el aprovisionamiento de tarjetas en otros equipos del cliente.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. <ul style="list-style-type: none">◦ <u>DeviceAuthenticationMethod</u><ul style="list-style-type: none">▪ JSON Body Request:<pre>{ "metadata": { "_messageType": "Request", "_messageId": "TSP1663865723413", "_messageIdOrg": "TSP1663865723413", "_shortMessageId": "SP166386572341", "_applicationId": "Tokenization", "_serviceId": "deviceBindingEligibility", "_datetime": "2025-01-02T23:34:40" }, "data": { "body": { "tokenRequestorID": "40010075001", "tokenRefID": "DNITHE582429363095774430" } } }</pre> <p>➤ Validación de Metadata campo “_messageType” (returnCode 0005)</p> <p>Nomenclatura : <i>Request</i></p> <p>Composición:</p> <p>✓ No Contener ninguno de estos caracteres especiales : <i>^<>\"/;`%+*()</i></p> <ul style="list-style-type: none">Request:<pre>1 2 3 "metadata": { 4 "_messageType": "Request/", 5 "_messageId": "TSP1663865723413", 6 "_messageIdOrg": "TSP1663865723413", 7 "_shortMessageId": "SP166386572341", 8 "_applicationId": "Tokenization", 9 "_serviceId": "deviceBindingEligibility", 10 "_datetime": "2025-01-02T23:34:40" 11 }, 12 "data": { 13 "body": { 14 "tokenRequestorID": "40010075001", 15 "tokenRefID": "DNITHE582429363095774430" 16 } 17 } 18 }</pre>Response:				

```

1  {
2      "metadata": {
3          "_messageType": "Response",
4          "_messageId": "TSP1663865723413",
5          "_messageIdOrg": "TSP1663865723413",
6          "_shortMessageId": "SP166386572341",
7          "_applicationId": "Tokenization",
8          "_serviceId": "deviceBindingEligibility",
9          "_datetime": "2025-01-22T18:01:17"
10     },
11     "errors": [
12         {
13             "code": "0005",
14             "title": "Formato invalido",
15             "detail": "_messageType: Los caracteres especiales no estan
16                 permitidos para este campo"
17         }
18     ]
19 }

```

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

Nomenclatura : *Request*

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": "deviceBindingEligibility",
9          "_datetime": "2025-01-02T23:34:40"
10     },
11     "data": {
12         "body": {
13             "tokenRequestorID": "40010075001",
14             "tokenRefID": "DNITHE582429363095774430"
15         }
16     }
17 }

```

- Response:

```

1  {
2      "metadata": {
3          "_messageType": "Response",
4          "_messageId": "TSP1663865723413/",
5          "_messageIdOrg": "TSP1663865723413",
6          "_shortMessageId": "SP166386572341",
7          "_applicationId": "Tokenization",
8          "_serviceId": "deviceBindingEligibility",
9          "_datetime": "2025-01-22T18:13:40"
10     },
11     "errors": [
12         {
13             "code": "0005",
14             "title": "Formato invalido",
15             "detail": "_messageId: Los caracteres especiales no estan
16                 permitidos para este campo"
17         }
18     ]
19 }

```

➤ **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": "deviceBindingEligibility",
9     "_datetime": "2025-01-02T23:34:40"
10  },
11  "data": {
12    "body": {
13      "tokenRequestorID": "40010075001",
14      "tokenRefID": "DNITHE582429363895774430"
15    }
16  }
17 }
```

- Response:

```
1 {
2   "metadata": {
3     "_messageType": "Response",
4     "_messageId": "TSP1663865723413",
5     "_messageIdOrg": "TSP1663865723413/",
6     "_shortMessageId": "SP166386572341",
7     "_applicationId": "Tokenization",
8     "_serviceId": "deviceBindingEligibility",
9     "_datetime": "2025-01-22T18:16:43"
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          "_messageId": "TSP1663865723413",
5          "_messageIdOrg": "TSP1663865723413",
6          "_shortMessageId": "SP166386572341/",
7          "_applicationId": "Tokenization",
8          "_serviceId": "deviceBindingEligibility",
9          "_datetime": "2025-01-02T23:34:40"
10     },
11     "data": {
12         "body": {
13             "tokenRequestorID": "40010075001",
14             //tokenRefID campo llave para consulta en tabla TOKENIZATION_REGISTRO_VALIDATION
15             "tokenRefID": "DNITHE582429363095774430"
16         }
17     }
18 }

```

- Response:

```

1  {
2      "metadata": {
3          "_messageType": "Response",
4          "_messageId": "TSP1663865723413",
5          "_messageIdOrg": "TSP1663865723413",
6          "_shortMessageId": "SP166386572341/",
7          "_applicationId": "Tokenization",
8          "_serviceId": "deviceBindingEligibility",
9          "_datetime": "2025-01-22T18:24:22"
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 :**
 $\wedge < > \backslash " / ; \cdot \% + * ()$

- Request:

```

1  {
2      "metadata": {
3          "_messageType": "Request",
4          "_messageId": "TSP1663865723413",
5          "_messageIdOrg": "TSP1663865723413",
6          "_shortMessageId": "SP166386572341",
7          "_applicationId": "Tokenization/",
8          "_serviceId": "deviceBindingEligibility",
9          "_datetime": "2025-01-02T23:34:40"
10     },
11     "data": {
12         "body": {
13             "tokenRequestorID": "40010075001",
14             //tokenRefID campo llave para consulta en tabla TOKENIZATION_REGISTRO_VALIDATION
15             "tokenRefID": "DNITHE582429363095774430"
16         }
17     }
18 }

```

- Response:

```

1  {
2      "metadata": {
3          "_messageType": "Response",
4          "_messageId": "TSP1663865723413",
5          "_messageIdOrg": "TSP1663865723413",
6          "_shortMessageId": "SP166386572341",
7          "_applicationId": "Tokenization/",
8          "_serviceId": "deviceBindingEligibility",
9          "_datetime": "2025-01-22T18:25:14"
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     ]

```

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

Nomenclatura : *deviceBindingEligibility*

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": "deviceBindingEligibility/",
9          "_datetime": "2025-01-02T23:34:48"
10     },
11     "data": {
12         "body": {
13             "tokenRequestorID": "40010075001",
14             //tokenRefID campo llave para consulta en tabla TOKENIZATION_REGISTRO_VALIDATION
15             "tokenRefID": "DNITHE582429363095774430"
16         }
17     }
18 }

```

• **Response:**

```

1  {
2      "metadata": {
3          "_messageType": "Response",
4          "_messageId": "TSP1663865723413",
5          "_messageIdOrg": "TSP1663865723413",
6          "_shortMessageId": "SP166386572341",
7          "_applicationId": "Tokenization",
8          "_serviceId": "deviceBindingEligibility/",
9          "_datetime": "2025-01-22T18:26:09"
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     ]

```

➤ **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": "deviceBindingEligibility",
9     "_datetime": "2025-01-02T23:34:40A"
10  },
11  "data": {
12    "body": {
13      "tokenRequestorID": "40010075001",
14      //tokenRefID campo llave para consulta en tabla TOKENIZATION_REGISTRO_VALIDATION
15      "tokenRefID": "DNITHE582429363095774430"
16    }
17  }
18 }
```

• **Response:**

```
1 {
2   "metadata": {
3     "_messageType": "Response",
4     "_messageId": "TSP1663865723413",
5     "_messageIdOrg": "TSP1663865723413",
6     "_shortMessageId": "SP166386572341",
7     "_applicationId": "Tokenization",
8     "_serviceId": "deviceBindingEligibility",
9     "_datetime": "2025-01-22T18:27:02"
10  },
11  "errors": [
12    {
13      "code": "0005",
14      "title": "Formato invalido",
15      "detail": "_datetime: solo acepta formato datetime"
16    }
17  ]
18 }
```

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

Nomenclatura : 40010075001

Composición:

✓ **Contener solo números :**

`d{1,64}`

• **Request:**

```

1 {
2   "metadata": {
3     "_messageType": "Request",
4     "_messageId": "TSP1663865723413",
5     "_messageIdOrg": "TSP1663865723413",
6     "_shortMessageId": "SP166386572341",
7     "_applicationId": "Tokenization",
8     "_serviceId": "deviceBindingEligibility",
9     "_datetime": "2025-01-02T23:34:40"
10  },
11  "data": {
12    "body": {
13      "tokenRequestorID": "40010075001A",
14      //tokenRefID campo llave para consulta en tabla TOKENIZATION_REGISTRO_VALIDATION
15      "tokenRefID": "DNITHE582429363095774430"
16    }
17  }
18 }

```

- Response:

```

1 {
2   "metadata": {
3     "_messageType": "Response",
4     "_messageId": "TSP1663865723413",
5     "_messageIdOrg": "TSP1663865723413",
6     "_shortMessageId": "SP166386572341",
7     "_applicationId": "Tokenization",
8     "_serviceId": "deviceBindingEligibility",
9     "_datetime": "2025-01-22T18:29:54"
10  },
11  "errors": [
12    {
13      "code": "0005",
14      "title": "Formato invalido",
15      "detail": "tokenRequestorID invalido"
16    }
17  ]
18 }

```

➤ **Validación de campo tokenRefID" (returnCode 0005)**

Nomenclatura : **DNITHE582429363095774430**

Composición:

- ✓ **Contener lo siguiente 6 letras y 58 números :**
[A-Z]{6}\d{1,58}

- Request:

```

1 {
2   "metadata": {
3     "_messageType": "Request",
4     "_messageId": "TSP1663865723413",
5     "_messageIdOrg": "TSP1663865723413",
6     "_shortMessageId": "SP166386572341",
7     "_applicationId": "Tokenization",
8     "_serviceId": "deviceBindingEligibility",
9     "_datetime": "2025-01-02T23:34:40"
10  },
11  "data": {
12    "body": {
13      "tokenRequestorID": "40010075001A",
14      //tokenRefID campo llave para consulta en tabla TOKENIZATION_REGISTRO_VALIDATION
15      "tokenRefID": "DNITHE582429363095774430AZ"
16    }
17  }
18 }

```

- Response:


```

1  {
2      "metadata": {
3          "_messageType": "Response",
4          "_messageId": "TSP1663865723413",
5          "_messageIdOrg": "TSP1663865723413",
6          "_shortMessageId": "SP166386572341",
7          "_applicationId": "Tokenization",
8          "_serviceId": "deviceBindingEligibility",
9          "_datetime": "2025-01-22T18:33:08"
10     },
11     "errors": [
12         {
13             "code": "0005",
14             "title": "Formato invalido",
15             "detail": "tokenRefID invalido"
16         }
17     ]
18 }

```

➤ Prueba con todos los campos correctos (returnCode 00)

Que el tokenRefID a consultar se encuentre en la tabla
TOKENIZATION_REGISTRO_VALIDATION.

SELECT * FROM DWBA.TOKENIZATION_REGISTRO_VALIDATION
WHERE TOKEN_REF_ID = 'DNI1THE582429363895774438';

ID_REGISTRO	WALLET_ID	TOKEN_REF_ID	TOKEN_REQUESTOR_ID	PAN	UNICO	NOMBRE	TOKEN	FECHAHORA	ESTATUS
48H1-8QVW-5U16-IMDU		DNI1THE582429363895774438	4001007001	4073190328830917	54,547	ALFRED JEREZ	4531098634654311	2024-06-20 17:48:18	CREATED

• Request

```

1  {
2      "metadata": {
3          "_messageType": "Request",
4          "_messageId": "TSP1663865723413",
5          "_messageIdOrg": "TSP1663865723413",
6          "_shortMessageId": "SP166386572341",
7          "_applicationId": "Tokenization",
8          "_serviceId": "deviceBindingEligibility",
9          "_datetime": "2025-01-02T23:34:48"
10     },
11     "data": {
12         "body": {
13             "tokenRequestorID": "40010075001",
14             "tokenRefID": "DNI1THE582429363895774438"
15         }
16     }
17 }

```

- Response

```

1  {
2      "metadata": {
3          "_messageType": "Response",
4          "_messageId": "TSP1663865723413",
5          "_messageIdOrg": "TSP1663865723413",
6          "_shortMessageId": "SP166386572341",
7          "_applicationId": "Tokenization",
8          "_serviceId": "deviceBindingEligibility",
9          "_datetime": "2025-01-22T18:21:50"
10     },
11     "data": {
12         "body": {
13             "authenticationMethods": [
14                 {
15                     "identifier": "54547-1",
16                     "type": "cell_phone",
17                     "maskedInfo": "****5296",
18                     "sourceAddress": "CUMST",
19                     "platform": "ANDROID"
20                 },
21                 {
22                     "identifier": "54547-2",
23                     "type": "email",
24                     "maskedInfo": "sc*****@gmail.com",
25                     "sourceAddress": "PORTAL",
26                     "platform": "ANDROID"
27                 }
28             ]
29         }
30     }
31 }

```

➤ **TokenRefId** inexistente en la tabla
TOKENIZATION REGISTRO VALIDATION (returnCode 05)

```
SELECT * FROM DWBA.TOKENIZATION_REGISTRO_VALIDATION
WHERE TOKEN_REF_ID = 'DNITHES82429363095774400';
```

[illegible]

- Request

```

1
2      "metadata": {
3          "_messageType": "Request",
4          "_messageId": "TSP1663865723413",
5          "_messageIdOrg": "TSP1663865723413",
6          "_shortMessageId": "SP166386572341",
7          "_applicationId": "Tokenization",
8          "_serviceId": "deviceBindingEligibility",
9          "_datetime": "2025-01-02T23:34:40"
10     },
11     "data": {
12         "body": {
13             "tokenRequestorID": "40010075001",
14             //tokenRefID campo llave para consulta en tabla TOKENIZATION_REGISTRO_VALIDATION
15             "tokenRefID": "DNITHE582429363095774400"
16         }
17     }
18

```

- Response

```
1  {
2    "metadata": {
3      "_messageType": "Response",
4      "_messageId": "TSP1663865723413",
5      "_messageIdOrg": "TSP1663865723413",
6      "_shortMessageId": "SP166386572341",
7      "_applicationId": "Tokenization",
8      "_serviceId": "deviceBindingEligibility",
9      "_datetime": "2025-01-22T18:22:36"
10   },
11   "data": {
12     "body": {
13       "code": "05",
14       "title": "Error",
15       "description": "Fallo en Consulta"
16     }
17   }
18 }
```