

## MATRIZ DE PRUEBAS TÉCNICAS

ID iniciativa	Nombre de la iniciativa	Fecha	Nombre de quien coordina la prueba	Cargo
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		Resultado		
Criterios de aceptación		Aprobado	Pendiente	Observaciones
<div>➔      <b>Sql Injection</b></div> <div><ul style="list-style-type: none"><li>En el api authenticationMethod 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><ul style="list-style-type: none"><li><u>authenticationMethod</u><ul style="list-style-type: none"><li>JSON Body Request:<pre>{  "metadata": {    "_messageType": "Request",    "_messageId": "TSP1663865723414",    "_messageIdOrg": "0d92ba97-9be6-427e-b4dd-a323",    "_shortMessageId": "SP166386572341",    "_applicationId": "Tokenization",    "_serviceId": "AuthenticationMethods",    "_datetime": "2024-06-24T22:59:22"  },  "data": {    "body": {      "tokenRequestorId": "40010075001",      "tokenReflId": "DNITHE413700660619634197",      "PAN": "4073190323176092",      "recommendedDecision": "YELLOW",      "source": "MANUALLY"    }  } }</pre></li></ul></li></ul></div><div><ul style="list-style-type: none"><li>Validación campo “metadata” → que este campo no sea vacío</li><li>Validación campo “_messageType” (returnCode 05)</li></ul><div><p>Nomenclatura : Request</p><p>Composición:</p><p>✓ No debe contener caracteres especiales como: [^&lt;&gt;'\"/;%+*()]</p></div><div><ul style="list-style-type: none"><li>Request:<pre>1 { 2   "metadata": { 3     "_messageType": "Request/", 4     "_messageId": "TSP1663865723414", 5     "_messageIdOrg": "1e38d2885-62ce-46dc-8413-6502ec8ec032", 6     "_shortMessageId": "SP166386572341", 7     "_applicationId": "Tokenization", 8     "_serviceId": "AuthenticationMethods", 9     "_datetime": "2024-04-09T23:09:40"10   },11   "data": {</pre></li></ul></div></div></div>				

- Response:

```
1 {
2   "metadata": {
3     "_messageType": "Response",
4     "_messageId": "TSP1663865723414",
5     "_messageIdOrg": "1e38d2885-62ce-46dc-8413-6502ec8ec032",
6     "_shortMessageId": "SP166386572341",
7     "_applicationId": "Tokenization",
8     "_serviceId": "AuthenticationMethods",
9     "_datetime": "2024-09-18T17:55:26"
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 campo “\_messageId” (returnCode 05)

**Nomenclatura : 0d92ba97-9be6-427e-b4dd-a323**

**Composición:**

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

- Request:

```
1 {
2   "metadata": {
3     "_messageType": "Request/",
4     "_messageId": "TSP1663865723414",
5     "_messageIdOrg": "1e38d2885-62ce-46dc-8413-6502ec8ec032",
6     "_shortMessageId": "SP166386572341",
7     "_applicationId": "Tokenization",
8     "_serviceId": "AuthenticationMethods",
9     "_datetime": "2024-04-09T23:09:40"
10  },
11  "data": {
```

- Response:

```
1 {
2   "metadata": {
3     "_messageType": "Response",
4     "_messageId": "TSP1663865723414/",
5     "_messageIdOrg": "1e38d2885-62ce-46dc-8413-6502ec8ec032",
6     "_shortMessageId": "SP166386572341",
7     "_applicationId": "Tokenization",
8     "_serviceId": "AuthenticationMethods",
9     "_datetime": "2024-09-18T21:43:25"
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 campo “\_messageIdOrg” (returnCode 05)

**Nomenclatura : 1e38d2885-62ce-46dc-8413**

### Composición:

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

- Request:

```
1 {
2   "metadata": {
3     "_messageType": "Request/",
4     "messageId": "TSP1663865723414",
5     "messageIdOrg": "1e38d2885-62ce-46dc-8413-6502ec8ec032",
6     "_shortMessageId": "SP166386572341",
7     "_applicationId": "Tokenization",
8     "_serviceId": "AuthenticationMethods",
9     "_datetime": "2024-04-09T23:09:40"
10  },
11  "data": {
```

- Response:

```
1 {
2   "metadata": {
3     "_messageType": "Response",
4     "messageId": "TSP1663865723414",
5     "messageIdOrg": "/1e38d2885-62ce-46dc-8413-6502ec8ec032",
6     "_shortMessageId": "SP166386572341",
7     "_applicationId": "Tokenization",
8     "_serviceId": "AuthenticationMethods",
9     "_datetime": "2024-09-18T21:43:56"
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 campo “\_shortMessageId” (returnCode 05)

Nomenclatura : **SP166386572341**

### Composición:

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

- Request:

```
1 {
2   "metadata": {
3     "_messageType": "Request/",
4     "messageId": "TSP1663865723414",
5     "messageIdOrg": "1e38d2885-62ce-46dc-8413-6502ec8ec032",
6     "_shortMessageId": "SP166386572341",
7     "_applicationId": "Tokenization",
8     "_serviceId": "AuthenticationMethods",
9     "_datetime": "2024-04-09T23:09:40"
10  },
11  "data": {
```

- Response:

```

1  {
2    "metadata": {
3      "_messageType": "Response",
4      "_messageId": "TSP1663865723414",
5      "_messageIdOrg": "1e38d2885-62ce-46dc-8413-6502ec8ec032",
6      "_shortMessageId": "SP166386572341/",
7      "_applicationId": "Tokenization",
8      "_serviceId": "AuthenticationMethods",
9      "_datetime": "2024-09-18T21:44:39"
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 campo “\_applicationId” (returnCode 05)

**Nomenclatura :** *Tokenization*

**Composición:**

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

### ● Request:

```

1  {
2    "metadata": {
3      "_messageType": "Request/",
4      "_messageId": "TSP1663865723414",
5      "_messageIdOrg": "1e38d2885-62ce-46dc-8413-6502ec8ec032",
6      "_shortMessageId": "SP166386572341",
7      "_applicationId": "Tokenization",
8      "_serviceId": "AuthenticationMethods",
9      "_datetime": "2024-04-09T23:09:40"
10   },
11   "data": {

```

### ● Response:

```

1  {
2    "metadata": {
3      "_messageType": "Response",
4      "_messageId": "TSP1663865723414",
5      "_messageIdOrg": "1e38d2885-62ce-46dc-8413-6502ec8ec032",
6      "_shortMessageId": "SP166386572341",
7      "_applicationId": "/Tokenization",
8      "_serviceId": "AuthenticationMethods",
9      "_datetime": "2024-09-18T21:45:08"
10   },
11   "errors": [
12     {
13       "code": "0005",
14       "title": "Formato invalido",
15       "detail": "_applicationId: Los caracteres especiales no estan permitidos para este campo"
16     }
17   ]
18 }

```

## ● Validación campo “\_serviceId” (returnCode 05)

**Nomenclatura :** *AuthenticationMethod*

**Composición:**

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

- Request:

```
1 {
2   "metadata": {
3     "_messageType": "Request/",
4     "_messageId": "TSP1663865723414",
5     "_messageIdOrg": "1e38d2885-62ce-46dc-8413-6502ec8ec032",
6     "_shortMessageId": "SP166386572341",
7     "_applicationId": "Tokenization",
8     "_serviceId": "AuthenticationMethods",
9     "_datetime": "2024-04-09T23:09:40"
10  },
11  "data": {
```

- Response:

```
1 {
2   "metadata": {
3     "_messageType": "Response",
4     "_messageId": "TSP1663865723414",
5     "_messageIdOrg": "1e38d2885-62ce-46dc-8413-6502ec8ec032",
6     "_shortMessageId": "SP166386572341",
7     "_applicationId": "Tokenization",
8     "_serviceId": "/AuthenticationMethods",
9     "_datetime": "2024-09-18T21:46:20"
10  },
11  "errors": [
12    {
13      "code": "0005",
14      "title": "Formato invalido",
15      "detail": "_serviceId: Los caracteres especiales no estan permitidos para este campo"
16    }
17  ]
18 }
```

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

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

**Composición:**

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

- Request:

```
1 {
2   "metadata": {
3     "_messageType": "Request/",
4     "_messageId": "TSP1663865723414",
5     "_messageIdOrg": "1e38d2885-62ce-46dc-8413-6502ec8ec032",
6     "_shortMessageId": "SP166386572341",
7     "_applicationId": "Tokenization",
8     "_serviceId": "AuthenticationMethods",
9     "_datetime": "2024-04-09T23:09:40"
10  },
11  "data": {
```

- Response:

```

1  "metadata": {
2    "_messageType": "Response",
3    "_messageId": "TSP1663865723414",
4    "_messageIdOrg": "1e38d2885-62ce-46dc-8413-6502ec8ec032",
5    "_shortMessageId": "SP166386572341",
6    "_applicationId": "Tokenization",
7    "_serviceId": "AuthenticationMethods",
8    "_datetime": "2024-09-18T21:47:02"
9  },
10
11  "errors": [
12    {
13      "code": "0005",
14      "title": "Formato invalido",
15      "detail": "_datetime: solo acepta formato datetime"
16    }
17  ]
18

```

- Validación campo “data” → que este campo no sea vacío
- Validación campo “body” → que este campo no sea vacío
- Validación campo “tokenRequestorID” (returnCode 05)

**Nomenclatura : 40010075001**

**Composición:**

✓ Contener {11,30} dígitos

- Request:

```

10  },
11  "data": {
12    "tokenRequestorID": "A40010075001",
13    "tokenRefID": "DNITHE413226560923471800",
14    "PAN": "4073190323176092",
15    "recommendedDecision": "YELLOW",
16    "source": "MANUALLY"
17  }
18

```

- Response:

```

1  "metadata": {
2    "_messageType": "Response",
3    "_messageId": "TSP1663865723414",
4    "_messageIdOrg": "1e38d2885-62ce-46dc-8413-6502ec8ec032",
5    "_shortMessageId": "SP166386572341",
6    "_applicationId": "Tokenization",
7    "_serviceId": "AuthenticationMethods",
8    "_datetime": "2024-09-18T21:48:04"
9  },
10
11  "errors": [
12    {
13      "code": "0005",
14      "title": "Formato invalido",
15      "detail": "tokenRequestorID invalido"
16    }
17  ]
18

```

- Validación campo “tokenRefId” (returnCode 05)

**Nomenclatura :** *DNITHE413700660619634197*

**Composición:**

✓ **Contener 6 LETRAS [A-Z] y de {1, 58} dígitos**

- Request:

```
10  },
11  "data": {
12    "tokenRequestorID": "40010075001",
13    "tokenRefID": "NITHE413226560923471800",
14    "PAN": "4073190323176092",
15    "recommendedDecision": "YELLOW",
16    "source": "MANUALLY"
17  }
18 }
```

- Response:

```
1  {
2    "metadata": {
3      "_messageType": "Response",
4      "_messageId": "TSP1663865723414",
5      "_messageIdOrg": "1e38d2885-62ce-46dc-8413-6502ec8ec032",
6      "_shortMessageId": "SP166386572341",
7      "_applicationId": "Tokenization",
8      "_serviceId": "AuthenticationMethods",
9      "_datetime": "2024-09-18T21:51:44"
10   },
11   "errors": [
12     {
13       "code": "0005",
14       "title": "Formato invalido",
15       "detail": "tokenRefID invalido"
16     }
17   ]
18 }
```

- **Validación campo “PAN” (returnCode 05)**

**Nomenclatura :** *4073190324123671*

**Composición:**

✓ **Contener {16} dígitos**

- Request:

```
10  },
11  "data": {
12    "tokenRequestorID": "40010075001",
13    "tokenRefID": "DNITHE413226560923471800",
14    "PAN": "A4073190323176092",
15    "recommendedDecision": "YELLOW",
16    "source": "MANUALLY"
17  }
18 }
```

- Response:



```

1  {
2      "metadata": {
3          "_messageType": "Response",
4          "_messageId": "TSP1663865723414",
5          "_messageIdOrg": "1e38d2885-62ce-46dc-8413-6502ec8ec832",
6          "_shortMessageId": "SP166386572341",
7          "_applicationId": "Tokenization",
8          "_serviceId": "AuthenticationMethods",
9          "_datetime": "2024-09-18T21:53:19"
10     },
11     "errors": [
12         {
13             "code": "0005",
14             "title": "Formato invalido",
15             "detail": "PAN invalido"
16         }
17     ]
18 }

```

- Validación campo “recommendedDecision” (returnCode 05)

**Nomenclatura :** *GREEN | YELLOW | ORANGE | RED*

**Composición:**

✓ Contener alguno de estos: *GREEN | YELLOW | ORANGE | RED*

- Request:

```

10     },
11     "data": {
12         "tokenRequestorID": "40010075001",
13         "tokenRefID": "DNITHE413226560923471800",
14         "PAN": "4073190323176092",
15         "recommendedDecision": "YELLOW2",
16         "source": "MANUALLY"
17     }
18 }

```

- Response:

```

1  {
2      "metadata": {
3          "_messageType": "Response",
4          "_messageId": "TSP1663865723414",
5          "_messageIdOrg": "1e38d2885-62ce-46dc-8413-6502ec8ec832",
6          "_shortMessageId": "SP166386572341",
7          "_applicationId": "Tokenization",
8          "_serviceId": "AuthenticationMethods",
9          "_datetime": "2024-09-18T21:57:17"
10     },
11     "errors": [
12         {
13             "code": "0005",
14             "title": "Formato invalido",
15             "detail": "recommendedDecision invalido"
16         }
17     ]
18 }

```

- Validación campo “source” (returnCode 05)

**Nomenclatura :** *ON\_FILE|MANUALLY|MOBILE\_APP|TOKEN*

**Composición:**

✓ Contener alguno de estos: *ON\_FILE|MANUALLY|MOBILE\_APP|*

## TOKEN

- Request:

```
10   },
11   "data": {
12     "tokenRequestorID": "40010075001",
13     "tokenRefID": "DNITHE413226560923471800",
14     "PAN": "4073190323176092",
15     "recommendedDecision": "YELLOW",
16     "source": "MANUALLY1"
17   }
18 }
```

- Response:

```
1  {
2    "metadata": {
3      "_messageType": "Response",
4      "_messageId": "TSP1663865723414",
5      "_messageIdOrg": "1e38d2885-62ce-46dc-8413-6502ec8ec032",
6      "_shortMessageId": "SP166386572341",
7      "_applicationId": "Tokenization",
8      "_serviceId": "AuthenticationMethods",
9      "_datetime": "2024-09-18T22:01:20"
10   },
11   "errors": [
12     {
13       "code": "0005",
14       "title": "Formato invalido",
15       "detail": "source invalido"
16     }
17   ]
18 }
```