SCIM OTP devices Workflows examples

Workflow Examples

Workflow 1

1. Create Email OTP device

Request

```
GET http://<your-domain>/soffid/webservice/scim2/v1/OtpDevice
```

JSON


```
{
   "type": "EMAIL",
   "user": "dilbert",
   "email": "dilbert@soffid.com"
}
```


Response 200 OK


```
{
   "created": "2022-03-09 13:39:52",
   "meta": {
      "location": "http://soffid.pat.lab:8080/soffid/webservice/scim2/v1/OtpDevice/5099461",
      "resourceType": "OtpDevice"
   },
   "schemas": [
      "urn:soffid:com.soffid.iam.addons.otp.common.OtpDevice"
   ],
```

```
    "name": "Email message to di*****@so****.co*",
    "id": 5099461,
    "type": "EMAIL",
    "user": "dilbert",
    "fails": 0,
    "email": "dilbert@soffid.com",
    "status": "C"
}
```


2. RequestChallenge to get the PIN code

Request

```
GET http://<your-domain>/soffid/webservice/scim2/v1/OtpDevice/5099461/requestChallenge
```

Response 200 OK


```
{
    "cell": "PIN",
    "cardNumber": "Email message to di*****@so****.co*"
}
```


3. ResponseChallenge to validate the PIN code

Request

```
POST http://<your-domain>/soffid/webservice/scim2/v1/OtpDevice/5099461/responseChallenge
```

JSON


```
{
    "pin": "839231"
}
```


Response 200 OK


```
{
    "success": true,
    "locked": false
}
```

4. Enable OTP device

Request

```
PATCH http://<your-domain>/soffid/webservice/scim2/v1/OtpDevice/5099461
```

JSON

```
{
   "Operations":
   [
      {
         "op": "replace",
         "path": "status",
         "value": "V"
      }
   ]
}
```

Response


```
{
   "created": "2022-03-09 13:39:52",
   "meta": {
      "location": "http://soffid.pat.lab:8080/soffid/webservice/scim2/v1/OtpDevice/5099461",
      "links": {
         "requestChallenge":
"http://soffid.pat.lab:8080/soffid/webservice/scim2/v1/OtpDevice/5099461/requestChallenge",
         "responseChallenge":
"http://soffid.pat.lab:8080/soffid/webservice/scim2/v1/OtpDevice/5099461/responseChallenge"
      },
      "resourceType": "OtpDevice"
   },
   "schemas": [
      "urn:soffid:com.soffid.iam.addons.otp.common.OtpDevice"
   ],
   "name": "Email message to di*****@so****.co*",
   "id": 5099461,
   "type": "EMAIL",
   "user": "dilbert",
```

```
    "fails": 0,
    "email": "dilbert@soffid.com",
    "status": "V"
}
```


Workflow 2

1. Get TOTP devices

Obtain all unused OTP devices by 2022.

Request

```
GET http://<your-domain>/soffid/webservice/scim2/v1/OtpDevice?filter=lastUsed le "2022-01-01"
```

Response 200 Ok


```
{
    "schemas": [
        "urn:ietf:params:scim:api:messages:2.0:ListResponse"
    ],
    "totalResults": 5,
    "startIndex": 1,
    "Resources": [
        {
            "lastUsed": "2021-10-14 06:57:00",
            "created": "2021-10-14 06:44:43",
            "meta": {
                "location": "http://soffid.pat.lab:8080/soffid/webservice/scim2/v1/OtpDevice/4022880",
                "links": {
                    "requestChallenge":
"http://soffid.pat.lab:8080/soffid/webservice/scim2/v1/OtpDevice/4022880/requestChallenge",
                    "responseChallenge":
"http://soffid.pat.lab:8080/soffid/webservice/scim2/v1/OtpDevice/4022880/responseChallenge"
                },
                "resourceType": "OtpDevice"
            },
            "schemas": [
                "urn:soffid:com.soffid.iam.addons.otp.common.OtpDevice"
```

```
        ],
        "name": "TOTP00000001",
        "id": 4022880,
        "type": "TOTP",
        "user": "admin",
        "fails": 0,
        "status": "E"
      },
      {
        "lastUsed": "2021-10-14 06:59:33",
        "created": "2021-10-14 06:58:05",
        "meta": {
          "location": "http://soffid.pat.lab:8080/soffid/webservice/scim2/v1/OtpDevice/4022891",
          "links": {
            "requestChallenge":
"http://soffid.pat.lab:8080/soffid/webservice/scim2/v1/OtpDevice/4022891/requestChallenge",
            "responseChallenge":
"http://soffid.pat.lab:8080/soffid/webservice/scim2/v1/OtpDevice/4022891/responseChallenge"
          },
          "resourceType": "OtpDevice"
        },
        "schemas": [
          "urn:soffid:com.soffid.iam.addons.otp.common.OtpDevice"
        ],
        "name": "TOTP00000002",
        "id": 4022891,
        "type": "TOTP",
        "user": "ckelp",
        "fails": 0,
        "status": "C"
      },
      .....
    ]
}
```


2. Disable OTP device

Disble the OTP devices one by one

Request

```
PATCH http://<your-domain>/soffid/webservice/scim2/v1/OtpDevice/4022880
```

JSON

```
{
   "Operations":
   [
      {
         "op": "replace",
         "path": "status",
         "value": "D"
      }
   ]
}
```

Response 200 Ok


```
{
   "lastUsed": "2021-10-14 06:57:00",
   "created": "2021-10-14 06:44:43",
   "meta": {
      "location": "http://soffid.pat.lab:8080/soffid/webservice/scim2/v1/OtpDevice/4022880",
      "links": {
         "requestChallenge":
"http://soffid.pat.lab:8080/soffid/webservice/scim2/v1/OtpDevice/4022880/requestChallenge",
         "responseChallenge":
"http://soffid.pat.lab:8080/soffid/webservice/scim2/v1/OtpDevice/4022880/responseChallenge"
      },
      "resourceType": "OtpDevice"
   },
   "schemas": [
      "urn:soffid:com.soffid.iam.addons.otp.common.OtpDevice"
   ],
   "name": "TOTP00000001",
   "id": 4022880,
   "type": "TOTP",
   "user": "admin",
   "fails": 0,
   "status": "D"
}
```

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