

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/v1/0tpDevice/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/v1/0tpDevice/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

Disable 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": "TOTP000000001",
  "id": 4022880,
  "type": "TOTP",
  "user": "admin",
}
```

```
"fails": 0,  
"status": "D"  
}
```

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