SCIM CustomObject examples

Operations

This page shows the operations that can be performed for the CustomObjects object

List all

Request

```
GET https://<your-domain>/soffid/webservice/scim2/v1/CustomObject
```

Response 200 OK


```
{
   "schemas": [
      "urn:ietf:params:scim:api:messages:2.0:ListResponse"
   ],
   "totalResults": 6,
   "startIndex": 1,
   "Resources": [
      {
         "meta": {
            "location": "http://soffid.pat.lab:8080/webservice/scim2/v1/CustomObject/848157",
            "resourceType": "CustomObject"
         },
         "schemas": [
            "urn:soffid:com.soffid.iam.iga.api.CustomObject"
         ],
         "name": "aa",
         "description": "aaa",
```

```
        "attributes": {
          "address": "2"
        },
        "id": 848157,
        "type": "building"
      },
      {
        "meta": {
          "location": "http://soffid.pat.lab:8080/soffid/webservice/scim2/v1/CustomObject/1510208",
          "resourceType": "CustomObject"
        },
        "schemas": [
          "urn:soffid:com.soffid.iam.iga.api.CustomObject"
        ],
        "name": "ES",
        "description": "Spain",
        "attributes": {
          "language": "English"
        },
        "id": 1510208,
        "type": "country"
      },
    ..........
  ]
}
```


List by filter

List all CustomObjects with a filter expression.

> It is allowed to use pagination and sort the information, for more information visit the Sorting and Pagination information.

Request

```
GET https://<your-domain>/soffid/webservice/scim2/v1/CustomObject?filter=description eq Spain
```

Response 200 OK

```
{
   "schemas": [
      "urn:ietf:params:scim:api:messages:2.0:ListResponse"
   ],
   "totalResults": 1,
   "startIndex": 1,
   "Resources": [
      {
         "meta": {
            "location": "http://soffid.pat.lab:8080/soffid/webservice/scim2/v1/CustomObject/1510208",
            "resourceType": "CustomObject"
         },
         "schemas": [
            "urn:soffid:com.soffid.iam.iga.api.CustomObject"
         ],
         "name": "ES",
         "description": "Spain",
         "attributes": {
            "language": "English"
         },
         "id": 1510208,
         "type": "country"
      }
   ]
}
```


Query by id

Query a CustomObject by its id (primary key).

Request

```
GET https://<your-domain>/soffid/webservice/scim2/v1/CustomObject/848062
```

Response 200 OK


```
{
   "meta": {
      "location": "http://soffid.pat.lab:8080/soffid/webservice/scim2/v1/CustomObject/848062",
```

```
    "resourceType": "CustomObject"
  },
  "schemas": [
    "urn:soffid:com.soffid.iam.iga.api.CustomObject"
  ],
  "name": "HQ",
  "description": "Headquarters",
  "attributes": {
    "address": "1"
  },
  "id": 848062,
  "type": "building"
}
```


Create

Request

```
POST https://<your-domain>/soffid/webservice/scim2/v1/CustomObject
```

JSON


```
{
  "schemas": [
    "urn:soffid:com.soffid.iam.iga.api.CustomObject"
  ],
  "name": "IT",
  "description": "Italy",
  "type": "country",
  "attributes": {
    "language": "English"
  }
}
```


Response 201 Created


```
{
  "meta": {
    "location": "http://soffid.pat.lab:8080/soffid/webservice/scim2/v1/CustomObject/1977187",
```

```
    "resourceType": "CustomObject"
  },
  "schemas": [
    "urn:soffid:com.soffid.iam.iga.api.CustomObject"
  ],
  "name": "IT",
  "description": "Italy",
  "attributes": {
    "language": "English"
  },
  "id": 1977187,
  "type": "country"
}
```


Update partial

Only attributes with changes will be updated, the other will maintain the same value.

Request

```
PATCH https://<your-domain>/soffid/webservice/scim2/v1/CustomObject/1977187
```

JSON


```
{
 "schemas": [
    "urn:soffid:com.soffid.iam.iga.api.CustomObject"
  ],
  "Operations": [
    {
      "op": "replace",
      "path": "attributes",
      "value": {
        "language": "German"
      }
    }
  ]
}
```


Response 200 OK

```
{
   "meta": {
      "location": "http://soffid.pat.lab:8080/soffid/webservice/scim2/v1/CustomObject/1977187",
      "resourceType": "CustomObject"
   },
   "schemas": [
      "urn:soffid:com.soffid.iam.iga.api.CustomObject"
   ],
   "name": "IT",
   "description": "Italy",
   "attributes": {
      "language": "German"
   },
   "id": 1977187,
   "type": "country"
}
```


Update all

This operation replaces all values in the CustomObject.

- Note that the attribute id is required to confirm that the resource "...CustomObject/<id>" is the same that the JSON CustomObject.
- Note that all the attributes not included in the request will be cleared in the CustomObject type and their data will be lost.
- Note that not all the attributes are updatable, for example, tag meta, avoid these tags.

  For more information see Resource data model page

Request

```
PUT https://<your-domain>/soffid/webservice/scim2/v1/CustomObject/1977187
```

JSON


```
{
   "schemas": [
      "urn:soffid:com.soffid.iam.iga.api.CustomObject"
   ],
   "id": 1977187,
   "name": "IT",
```

```
    "description": "Italy",
    "type": "country",
    "attributes": {
        "language": "English"
    }
}
```


Response 200 OK


```
{
    "meta": {
        "location": "http://soffid.pat.lab:8080/soffid/webservice/scim2/v1/CustomObject/1977187",
        "resourceType": "CustomObject"
    },
    "schemas": [
        "urn:soffid:com.soffid.iam.iga.api.CustomObject"
    ],
    "name": "IT",
    "description": "Italy",
    "attributes": {
        "language": "English"
    },
    "id": 1977187,
    "type": "country"
}
```


Delete

> Please note after this delete, the CustomObject has to be created again to use it in the next examples.

Request

```
DELETE https://<your-omain>/soffid/webservice/scim2/v1/CustomObject/1977187
```

Response 204 No Content

```
204 No Content
```

Error response

> For more information about error response visit
>
> https://bookstack.soffid.com/link/116#bkmrk-error-response

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