SCIM Group examples

Operations

This page shows the operations that can be performed for the group object.

List all

Request

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

Response 200 OK


```
{
   "schemas": [
      "urn:ietf:params:scim:api:messages:2.0:ListResponse"
   ],
   "totalResults": 7,
   "startIndex": 1,
   "Resources": [
      {
         "organizational": false,
         "meta": {
            "location": "http://soffid.pat.lab:8080/soffid/webservice/scim2/v1/Group/83",
            "links": {
               "members":
"http://soffid.pat.lab:8080/soffid/webservice/scim2/v1/User?filter=primaryGroup+eq+'world'+or
secondaryGroup.group.name+eq+'world'",
               "administrators":
"http://soffid.pat.lab:8080/soffid/webservice/scim2/v1/RoleAccount?filter=group.name+eq+'world'"
            },
            "resourceType": "Group"
         },
```

```
        "quota": "0",
        "schemas": [
          "urn:soffid:com.soffid.iam.api.Group"
        ],
        "name": "world",
        "obsolete": false,
        "description": "World Original",
        "attributes": {},
        "id": 83
      },
      {
        "organizational": false,
        "meta": {
          "location": "http://soffid.pat.lab:8080/soffid/webservice/scim2/v1/Group/87",
          "links": {
            "members":
"http://soffid.pat.lab:8080/soffid/webservice/scim2/v1/User?filter=primaryGroup+eq+'enterprise'+or
secondaryGroup.group.name+eq+'enterprise'",
            "administrators":
"http://soffid.pat.lab:8080/soffid/webservice/scim2/v1/RoleAccount?filter=group.name+eq+'enterprise'"
          },
          "resourceType": "Group"
        },
        "quota": "0",
        "schemas": [
          "urn:soffid:com.soffid.iam.api.Group"
        ],
        "name": "enterprise",
        "obsolete": false,
        "description": "Enterprise",
        "parentGroup": "world",
        "attributes": {},
        "id": 87
      },
    ......
  ]
}
```


List by filter

List all groups 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/Group?filter=name co world
```

Response 200 OK


```
{
   "schemas": [
      "urn:ietf:params:scim:api:messages:2.0:ListResponse"
   ],
   "totalResults": 2,
   "startIndex": 1,
   "Resources": [
      {
         "organizational": false,
         "meta": {
            "location": "http://soffid.pat.lab:8080/soffid/webservice/scim2/v1/Group/83",
            "links": {
               "members":
"http://soffid.pat.lab:8080/soffid/webservice/scim2/v1/User?filter=primaryGroup+eq+'world'+or
secondaryGroup.group.name+eq+'world'",
               "administrators":
"http://soffid.pat.lab:8080/soffid/webservice/scim2/v1/RoleAccount?filter=group.name+eq+'world'"
            },
            "resourceType": "Group"
         },
         "quota": "0",
         "schemas": [
            "urn:soffid:com.soffid.iam.api.Group"
         ],
         "name": "world",
         "obsolete": false,
```

```
      "description": "World Original",
      "attributes": {},
      "id": 83
    },
    {
      "organizational": false,
      "meta": {
        "location": "http://soffid.pat.lab:8080/soffid/webservice/scim2/v1/Group/485118",
        "links": {
          "members":
"http://soffid.pat.lab:8080/soffid/webservice/scim2/v1/User?filter=primaryGroup+eq+'world2'+or
secondaryGroup.group.name+eq+'world2'",
          "administrators":
"http://soffid.pat.lab:8080/soffid/webservice/scim2/v1/RoleAccount?filter=group.name+eq+'world2'"
        },
        "resourceType": "Group"
      },
      "quota": "0",
      "schemas": [
        "urn:soffid:com.soffid.iam.api.Group"
      ],
      "name": "world2",
      "obsolete": false,
      "description": "World Modified",
      "attributes": {},
      "id": 485118
    }
  ]
}
```


Query by id

Retrieve a group by its id (primary key).

Request

```
GET https://<your-domain>/soffid/webservice/scim2/v1/Group/83
```

Response 200 OK

```
{
   "organizational": false,
   "meta": {
      "location": "http://soffid.pat.lab:8080/soffid/webservice/scim2/v1/Group/83",
      "links": {
         "members":
"http://soffid.pat.lab:8080/soffid/webservice/scim2/v1/User?filter=primaryGroup+eq+'world'+or
secondaryGroup.group.name+eq+'world'",
         "administrators":
"http://soffid.pat.lab:8080/soffid/webservice/scim2/v1/RoleAccount?filter=group.name+eq+'world'"
      },
      "resourceType": "Group"
   },
   "quota": "0",
   "schemas": [
      "urn:soffid:com.soffid.iam.api.Group"
   ],
   "name": "world",
   "obsolete": false,
   "description": "World Original",
   "attributes": {},
   "id": 83
}
```


Create

Request

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

JSON


```
{
   "schemas": [
      "urn:soffid:com.soffid.iam.iga.api.Group"
   ],
   "name": "EngineeringTeam",
   "description": "Enterprise engineering team",
   "parentGroup": "world"
```

```
}
```

Response 201 Created

```
{
   "organizational": false,
   "meta": {
      "location": "http://soffid.pat.lab:8080/soffid/webservice/scim2/v1/Group/1976559",
      "resourceType": "Group"
   },
   "quota": "0",
   "schemas": [
      "urn:soffid:com.soffid.iam.api.Group"
   ],
   "name": "EngineeringTeam",
   "obsolete": false,
   "description": "Enterprise engineering team",
   "parentGroup": "world",
   "attributes": {},
   "id": 1976559
}
```

Update partial

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

> If you want to add users to a group, please visit SCIM GroupUser examples page

Request

```
PATCH https://<your-domain>/soffid/webservice/scim2/v1/Group/1976559
```

JSON

```
{
   "Operations": [
      {
         "op": "replace",
         "path": "description",
```

```
        "value": "Enterprise Engineering Group"
      },
      {
        "op": "replace",
        "path": "type",
        "value": "CC"
      }
   ]
}
```


Response 200 OK


```
{
   "organizational": false,
   "meta": {
      "location": "http://soffid.pat.lab:8080/soffid/webservice/scim2/v1/Group/1976559",
      "links": {
         "members":
"http://soffid.pat.lab:8080/soffid/webservice/scim2/v1/User?filter=primaryGroup+eq+'EngineeringTeam'+or
secondaryGroup.group.name+eq+'EngineeringTeam'",
         "administrators":
"http://soffid.pat.lab:8080/soffid/webservice/scim2/v1/RoleAccount?filter=group.name+eq+'EngineeringTeam'"
      },
      "resourceType": "Group"
   },
   "quota": "0",
   "schemas": [
      "urn:soffid:com.soffid.iam.api.Group"
   ],
   "name": "EngineeringTeam",
   "obsolete": false,
   "description": "Enterprise Engineering Group",
   "parentGroup": "world",
   "attributes": {},
   "id": 1976559,
   "type": "CC"
}
```


Update all

This operation replaces all values in the group.

- Note that the attribute id is required to confirm that the resource "...Group/<id>" is the same that the JSON group.
- Note that all the attributes not included in the request will be cleared in the group 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 http://<your-domain>/soffid/webservice/scim2/v1/Group/1976559
```

JSON

```
{
   "schemas": [
     "urn:soffid:com.soffid.iam.iga.api.Group"
   ],
   "id": 1976559,
   "name": "EngineeringTeam",
   "description": "Enterprise engineering team",
   "parentGroup": "world"
}
```

Response 200 OK

```
{
   "organizational": false,
   "meta": {
      "location": "http://soffid.pat.lab:8080/soffid/webservice/scim2/v1/Group/1976559",
      "links": {
         "members":
"http://soffid.pat.lab:8080/soffid/webservice/scim2/v1/User?filter=primaryGroup+eq+'EngineeringTeam'+or
secondaryGroup.group.name+eq+'EngineeringTeam'",
         "administrators":
"http://soffid.pat.lab:8080/soffid/webservice/scim2/v1/RoleAccount?filter=group.name+eq+'EngineeringTeam'"
      },
      "resourceType": "Group"
   },
   "quota": "0",
```

```
    "schemas": [
        "urn:soffid:com.soffid.iam.api.Group"
    ],
    "name": "EngineeringTeam",
    "obsolete": false,
    "description": "Enterprise engineering team",
    "parentGroup": "world",
    "attributes": {},
    "id": 1976559
}
```


Delete

> Please note that after this delete action, you will need to create again the group to use it in the next examples.

Request

```
DELETE https://<your-domain>/soffid/webservice/scim2/v1/Group/1976559
```

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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