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# SCIM UserGroup examples

## Operations

This page shows the operations that can be performed for the object that establishes the relationship between groups and users. You can add, delete and or modify users in a group.

### List all

#### Request

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

#### Response 200 OK

```
{
  "schemas": [
    "urn:ietf:params:scim:api:messages:2.0:ListResponse"
  ],
  "totalResults": 1,
  "startIndex": 1,
  "Resources": [
    {
      "updatedBy": "admin",
      "groupId": 647,
      "start": "2026-03-06 09:08:42",
      "fullName": "Cas Kelp",
      "updatedOn": "2026-03-06 09:08:42",
      "userId": 18327,
      "createdOn": "2026-03-06 09:08:42",
      "groupDescription": "World",
      "createdBy": "admin",
      "meta": {
        "location": "https://console.soffid4.local:8443/soffid/webservice/scim2/v1/UserGroup/24560",
```

```
    "resourceType": "UserGroup"
  },
  "schemas": [
    "urn:soffid:com.soffid.iam.iga.api.UserGroup"
  ],
  "disabled": false,
  "attributes": {},
  "id": 24560,
  "user": "ckelp",
  "primaryGroup": true,
  "group": "world"
}
]
}
```

## List by filter

List all GroupUsers 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/UserGroup?filter=groupDescription co "wo"
```

### Response 200 OK

```
{
  "schemas": [
    "urn:ietf:params:scim:api:messages:2.0:ListResponse"
  ],
  "totalResults": 1,
  "startIndex": 1,
  "Resources": [
    {
      "updatedBy": "admin",
      "groupId": 647,
```

```
"start": "2026-03-06 09:08:42",
"fullName": "Cas Kelp",
"updatedOn": "2026-03-06 09:08:42",
"userId": 18327,
"createdOn": "2026-03-06 09:08:42",
"groupDescription": "World",
"createdBy": "admin",
"meta": {
  "location": "https://console.soffid4.local:8443/soffid/webservice/scim2/v1/UserGroup/24560",
  "resourceType": "UserGroup"
},
"schemas": [
  "urn:soffid:com.soffid.iam.iga.api.UserGroup"
],
"disabled": false,
"attributes": {},
"id": 24560,
"user": "ckelp",
"primaryGroup": true,
"group": "world"
}
]
}
```

## Query by id

Query a GroupUser by its id (primary key).

### Request

```
GET https://<your-domain>/soffid/webservice/scim2/v1/UserGroup/1974296
```

### Response 200 OK

```
{
  "groupDescription": "Help desk support team",
  "meta": {
    "location": "http://soffid.pat.lab:8080/soffid/webservice/scim2/v1/UserGroup/1974296",
    "resourceType": "UserGroup"
  }
}
```

```
  },
  "schemas": [
    "urn:soffid:com.soffid.iam.api.UserGroup"
  ],
  "start": "2021-05-05 12:49:51",
  "fullName": "John Smith",
  "disabled": false,
  "attributes": {
    "startDate": "2021-05-04 00:00:00"
  },
  "id": 1974296,
  "user": "jsmith",
  "primaryGroup": false,
  "group": "it"
}
```

## Create

This option allows you to add a user to a specific group.

## Request

```
POST https://<your-domain>/soffid/websevice/scim2/v1/UserGroup
```

## JSON

```
{
  "schemas": [
    "urn:soffid:com.soffid.iam.iga.api.UserGroup"
  ],
  "group": "world",
  "groupDescription": "Help desk support team",
  "user": "ckelp",
  "fullName": "Casey Kelp",
  "primaryGroup": true,
  "attributes": {}
}
```

## Response 201 Created

```
{
  "updatedBy": "admin",
  "groupId": 647,
  "start": "2026-03-06 09:08:42.103",
  "fullName": "Cas Kelp",
  "updatedOn": "2026-03-06 09:08:42.136",
  "userId": 18327,
  "createdOn": "2026-03-06 09:08:42.128",
  "groupDescription": "World",
  "createdBy": "admin",
  "meta": {
    "location": "https://console.soffid4.local:8443/soffid/webservice/scim2/v1/UserGroup/24560",
    "resourceType": "UserGroup"
  },
  "schemas": [
    "urn:soffid:com.soffid.iam.iga.api.UserGroup"
  ],
  "disabled": false,
  "attributes": {},
  "id": 24560,
  "user": "ckelp",
  "primaryGroup": true,
  "group": "world"
}
```

## 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/UserGroup/1976741
```

### JSON

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

```
    "path": "groupDescription",
    "value": "Enterprise engineering team"
  },
  {
    "op": "replace",
    "path": "group",
    "value": "EngineeringTeam"
  }
]
```

## Response 200 OK

```
{
  "groupDescription": "Enterprise engineering team",
  "meta": {
    "location": "http://soffid.pat.lab:8080/soffid/webservice/scim2/v1/GroupUser/1976741",
    "resourceType": "GroupUser"
  },
  "schemas": [
    "urn:soffid:com.soffid.iam.api.GroupUser"
  ],
  "start": "2021-05-11 10:39:23",
  "fullName": "Casey Kelp",
  "disabled": false,
  "attributes": {},
  "id": 1976741,
  "user": "ckelp",
  "primaryGroup": true,
  "group": "EngineeringTeam"
}
```

## Update all

This operation replaces all values in the GroupUser.

- Note that the attribute id is required to confirm that the resource "...GroupUser/<id>" is the same that the JSON GroupUser.
- Note that all the attributes not included in the request will be cleared in the GroupUser 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/UserGroup/1976741
```

## JSON

```
{
  "schemas": [
    "urn:soffid:com.soffid.iam.iga.api.GroupUser"
  ],
  "id": 1976741,
  "group": "it",
  "groupDescription": "Help desk support team",
  "user": "ckelp",
  "fullName": "Casey Kelp",
  "primaryGroup": true,
  "attributes": {}
}
```

## Response 200 OK

```
{
  "groupDescription": "Help desk support team",
  "meta": {
    "location": "http://soffid.pat.lab:8080/soffid/webservice/scim2/v1/GroupUser/1976741",
    "resourceType": "GroupUser"
  },
  "schemas": [
    "urn:soffid:com.soffid.iam.iga.api.GroupUser"
  ],
  "fullName": "Casey Kelp",
  "disabled": false,
  "attributes": {},
  "id": 1976741,
  "user": "ckelp",
  "primaryGroup": true,
  "group": "it"
}
```

```
}
```

# Delete

This option allows you to remove a user from a specific group.

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

## Request

```
DELETE https://<your-omain>/soffid/websevice/scim2/v1/UserGroup/1976741
```

## 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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