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# SCIM Entity Group examples

## Operations

This page shows the functions that can be performed for the Entity Group object.

### List all

#### Request

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

#### Response 200 OK

```
{
  "schemas": [
    "urn:ietf:params:scim:api:messages:2.0:ListResponse"
  ],
  "totalResults": 3,
  "startIndex": 1,
  "Resources": [
    {
      "meta": {
        "location":
"http://demolab.soffid.pat.lab:8080/soffid/webservice/scim2/v1/EntityGroup/5462422",
        "resourceType": "EntityGroup"
      },
      "schemas": [
        "urn:soffid:com.soffid.iam.addons.federation.common.EntityGroup"
      ],
      "name": "test-demoIdP",
      "id": 5462422
    },
    {
```

```

    "meta": {
      "location":
"http://demolab. soffid. pat. lab: 8080/soffid/webservice/scim2/v1/EntityGroup/6725679",
      "resourceType": "EntityGroup"
    },
    "schemas": [
      "urn: soffid: com. soffid. iam. addons. federation. common. EntityGroup"
    ],
    "name": "Soffid",
    "id": 6725679
  },
  {
    "metadataUrl": "test-2",
    "meta": {
      "location":
"http://demolab. soffid. pat. lab: 8080/soffid/webservice/scim2/v1/EntityGroup/6780683",
      "resourceType": "EntityGroup"
    },
    "schemas": [
      "urn: soffid: com. soffid. iam. addons. federation. common. EntityGroup"
    ],
    "name": "test-2",
    "id": 6780683
  }
]
}

```

## List by filter

List all entity 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 http://<your-domain>/soffid/webservice/scim2/v1/EntityGroup?filter=name co "test"
```

## Response 200 OK

```
{
  "schemas": [
    "urn:ietf:params:scim:api:messages:2.0:ListResponse"
  ],
  "totalResults": 3,
  "startIndex": 1,
  "Resources": [
    {
      "meta": {
        "location":
"http://demolab. soffid. pat. lab: 8080/soffid/webservice/scim2/v1/EntityGroup/5462422",
        "resourceType": "EntityGroup"
      },
      "schemas": [
        "urn:soffid:com. soffid. iam. addons. federation. common. EntityGroup"
      ],
      "name": "test-demoIdP",
      "id": 5462422
    },
    {
      "meta": {
        "location":
"http://demolab. soffid. pat. lab: 8080/soffid/webservice/scim2/v1/EntityGroup/6725679",
        "resourceType": "EntityGroup"
      },
      "schemas": [
        "urn:soffid:com. soffid. iam. addons. federation. common. EntityGroup"
      ],
      "name": "Soffid",
      "id": 6725679
    },
    {
      "metadataUrl": "test-2",
      "meta": {
        "location":
"http://demolab. soffid. pat. lab: 8080/soffid/webservice/scim2/v1/EntityGroup/6780683",
        "resourceType": "EntityGroup"
      }
    }
  ]
}
```

```
    },
    "schemas": [
      "urn:soffid:com.soffid.iam.addons.federation.common.EntityGroup"
    ],
    "name": "test-2",
    "id": 6780683
  }
]
}
```

## Query by id

Query an entity group by its id (primary key).

### Request

```
GET http://<your-domain>/soffid/webservice/scim2/v1/EntityGroup/5462422
```

### Response 200 OK

```
{
  "meta": {
    "location":
"http://demolab.soffid.pat.lab:8080/soffid/webservice/scim2/v1/EntityGroup/5462422",
    "resourceType": "EntityGroup"
  },
  "schemas": [
    "urn:soffid:com.soffid.iam.addons.federation.common.EntityGroup"
  ],
  "name": "test-demoIdP",
  "id": 5462422
}
```

## Create

### Request

```
POST http://<your-domain>/soffid/webservice/scim2/v1/EntityGroup
```

## JSON

```
{
  "metadataUrl": "test-3",
  "name": "test-3"
}
```

## Response 201 Created

```
{
  "metadataUrl": "test-3",
  "meta": {
    "location":
"http://demolab. soffid. pat. lab: 8080/soffid/webservice/scim2/v1/EntityGroup/6780695",
    "resourceType": "EntityGroup"
  },
  "schemas": [
    "urn: soffid: com. soffid. iam. addons. federation. common. EntityGroup"
  ],
  "name": "test-3",
  "id": 6780695
}
```

# Update partial

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

## Request

```
PATCH http://<your-domain>/soffid/webservice/scim2/v1/EntityGroup/6780695
```

## JSON

```
{
  "Operations" : [
    {
      "op" : "replace",
      "path" : "name",
      "value": "SP Cloud"
    },
  ],
}
```

```

    {
      "op" : "replace",
      "path" : "metadataUrl",
      "value": "SP Cloud"
    }
  ]
}

```

## Response 200 OK

```

{
  "metadataUrl": "SP Cloud",
  "meta": {
    "location":
"http://demolab.soffid.pat.lab:8080/soffid/webservice/scim2/v1/EntityGroup/6780695",
    "resourceType": "EntityGroup"
  },
  "schemas": [
    "urn:soffid:com.soffid.iam.addons.federation.common.EntityGroup"
  ],
  "name": "SP Cloud",
  "id": 6780695
}

```

# Update all

This operation replaces all values in the entity group.

- Note that the attribute id is required to confirm that the resource "...EntityGroup/<id>" is the same that the JSON EntityGroup.
- Note that all the attributes not included in the request will be cleared in the EntityGroup 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 the [Resource data model](#) page

## Request

```
PUT http://<your-domain>/soffid/webservice/scim2/v1/EntityGroup/1976590
```

## JSON

```
{
  "metadataUrl": "SP Cloud Test",
  "schemas": [
    "urn:soffid:com.soffid.iam.addons.federation.common.EntityGroup"
  ],
  "name": "SP Cloud Test",
  "id": 6780695
}
```

## Response 200 OK

```
{
  "metadataUrl": "SP Cloud Test",
  "meta": {
    "location":
"http://demolab.soffid.pat.lab:8080/soffid/webservice/scim2/v1/EntityGroup/6780695",
    "resourceType": "EntityGroup"
  },
  "schemas": [
    "urn:soffid:com.soffid.iam.addons.federation.common.EntityGroup"
  ],
  "name": "SP Cloud Test",
  "id": 6780695
}
```

## Delete

Please note, after this deletion, the entity group has to be created again to use it in the following examples.

## Request

```
DELETE http://<your-omain>/soffid/webservice/scim2/v1/EntityGroup/6780695
```

## 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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Revision #6

Created 27 March 2023 10:14:38 by pgarcia@soffid.com

Updated 3 April 2023 13:21:12 by pgarcia@soffid.com