SCIM Group type examples

Operations

This page shows the operations that can be performed for the Group Type object

List all

Request

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

Response 200 OK


```
{
    "schemas": [
        "urn:ietf:params:scim:api:messages:2.0:ListResponse"
    ],
    "totalResults": 2,
    "startIndex": 1,
    "Resources": [
        {
            "roleHolder": false,
            "meta": {
                "location":
"http://soffid.pat.lab:8080/soffid/webservice/scim2/v1/OUType/504761",
                "resourceType": "OUType"
            },
            "schemas": [
                "urn:soffid:com.soffid.iam.api.OUType"
            ],
            "name": "CC",
            "description": "Cost Center",
            "id": 504761
```

```
        },
        {
            "roleHolder": false,
            "meta": {
                "location":
"http://soffid.pat.lab:8080/soffid/webservice/scim2/v1/OUType/504762",
                "resourceType": "OUType"
            },
            "schemas": [
                "urn:soffid:com.soffid.iam.api.OUType"
            ],
            "name": "PC",
            "description": "Productive center",
            "id": 504762
        }
    ]
}
```

List by filter

List all group types 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/OUType?filter=description co Cost
```

Response 200 OK

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

```
        {
            "roleHolder": false,
            "meta": {
                "location":
"http://soffid.pat.lab:8080/soffid/webservice/scim2/v1/OUType/504761",
                "resourceType": "OUType"
            },
            "schemas": [
                "urn:soffid:com.soffid.iam.api.OUType"
            ],
            "name": "CC",
            "description": "Cost Center",
            "id": 504761
        }
    ]
}
```

Query by id

Query a group type by its id (primary key).

Request

```
GET http://<your-domain>/soffid/webservice/scim2/v1/OUType/504761
```

Response 200 OK

```
{
    "roleHolder": false,
    "meta": {
        "location": "http://soffid.pat.lab:8080/soffid/webservice/scim2/v1/OUType/504761",
        "resourceType": "OUType"
    },
    "schemas": [
        "urn:soffid:com.soffid.iam.api.OUType"
    ],
    "name": "CC",
    "description": "Cost Center",
    "id": 504761
```

```
}
```

Create

Request

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

JSON

```
{
    "schemas": [
        "urn:soffid:com.soffid.iam.api.Role"
    ],
    "name": "App Billing Role",
    "description": "Role Admin for Billing application",
    "informationSystemName": "Operation/Business 2/App Billing",
    "system": "test",
    "password": false,
    "bpmEnabled": false,
    "enableByDefault": false,
    "granteeGroups": [],
    "ownedRoles": [],
    "ownerGroups": [],
    "ownerRoles": []
}
```

Response 201 Created

```
{
    "schemas": [
        "urn:soffid:com.soffid.iam.api.OUType"
    ],
    "name": "NewOU",
    "description": "New OU"
}
```

Update partial

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

Request

```
PATCH http://<your-domain>/soffid/webservice/scim2/v1/OUType/1976710
```

JSON

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

Response 200 OK

```
{
    "roleHolder": false,
    "meta": {
        "location": "http://soffid.pat.lab:8080/soffid/webservice/scim2/v1/OUType/1976710",
        "resourceType": "OUType"
    },
    "schemas": [
        "urn:soffid:com.soffid.iam.api.OUType"
    ],
    "name": "OU",
    "description": "New OU",
    "id": 1976710
}
```

Update all

This operation replaces all values in the group type.

- Note that the attribute id is required to confirm that the resource "...OUType/<id>" is the same that the JSON group type.

- Note that all the attributes not included in the request will be cleared in the group 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 visit Resource data model page

Request

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

JSON

```
{
    "schemas": [
        "urn:soffid:com.soffid.iam.api.OUType"
    ],
    "id": 1976710,
    "name": "ChangeOU"
}
```

Response 200 OK

```
{
    "roleHolder": false,
    "meta": {
        "location": "http://soffid.pat.lab:8080/soffid/webservice/scim2/v1/OUType/1976710",
        "resourceType": "OUType"
    },
    "schemas": [
        "urn:soffid:com.soffid.iam.api.OUType"
    ],
    "name": "ChangeOU",
    "id": 1976710
}
```

Delete

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

Request

```
DELETE http://<your-domain>/soffid/webservice/scim2/v1/OUType/1976710
```

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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