

# SCIM MailList examples

## Operations

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

### List all

#### Request

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

#### Response 200 OK

```
{
  "schemas": [
    "urn:ietf:params:scim:api:messages:2.0:ListResponse"
  ],
  "totalResults": 3,
  "startIndex": 1,
  "Resources": [
    {
      "groupMembers": [],
      "usersList": [
        "admin",
        "test2"
      ],
      "description": "Test email",
      "externalList": [],
      "explodedUsersList": [
        "test2",
        "admin"
      ],
      "roleMembers": [],
    }
  ]
}
```

```

"lists": [
  "test@soffid.com"
],
"meta": {
  "location": "http://soffid.pat.lab:8080/soffid/webservice/scim2/v1/MailList/524071",
  "resourceType": "MailList"
},
"domainName": "soffid.com",
"schemas": [
  "urn:soffid:com.soffid.iam.api.MailList"
],
"name": "test",
"attributes": {},
"id": 524071,
"listsBelong": "test@soffid.com"
},
{
  "groupMembers": [],
  "usersList": [],
  "externalList": [],
  "explodedUsersList": [],
  "roleMembers": [],
  "lists": [],
  "meta": {
    "location": "http://soffid.pat.lab:8080/soffid/webservice/scim2/v1/MailList/1976100",
    "resourceType": "MailList"
  },
  "domainName": "soffid.org",
  "schemas": [
    "urn:soffid:com.soffid.iam.api.MailList"
  ],
  "name": "mailList",
  "attributes": {},
  "id": 1976100,
  "listsBelong": ""
},
.....
]
}

```

# List by filter

List all MailList 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/MailList?filter=description co test
```

## Response 200 OK

```
{
  "schemas": [
    "urn:ietf:params:scim:api:messages:2.0:ListResponse"
  ],
  "totalResults": 2,
  "startIndex": 1,
  "Resources": [
    {
      "groupMembers": [],
      "usersList": [
        "admin",
        "test2"
      ],
      "description": "Test email",
      "externalList": [],
      "explodedUsersList": [
        "test2",
        "admin"
      ],
      "roleMembers": [],
      "lists": [
        "test@soffid.com"
      ],
      "meta": {
        "location": "http://soffid.pat.lab:8080/soffid/webservice/scim2/v1/MailList/524071",
```

```
    "resourceType": "MailList"
  },
  "domainName": "soffid.com",
  "schemas": [
    "urn:soffid:com.soffid.iam.api.MailList"
  ],
  "name": "test",
  "attributes": {},
  "id": 524071,
  "listsBelong": "test@soffid.com"
},
{
  "groupMembers": [],
  "usersList": [
    "dilbert",
    "admin"
  ],
  "description": "Test email mailList",
  "externalList": [],
  "explodedUsersList": [
    "dilbert",
    "admin"
  ],
  "roleMembers": [],
  "lists": [],
  "meta": {
    "location": "http://soffid.pat.lab:8080/soffid/webservice/scim2/v1/MailList/1976181",
    "resourceType": "MailList"
  },
  "domainName": "soffid.com",
  "schemas": [
    "urn:soffid:com.soffid.iam.api.MailList"
  ],
  "name": "mailList2",
  "attributes": {},
  "id": 1976181,
  "listsBelong": ""
}
]
```

```
}
```

# Query by id

Query a MailList by its id (primary key).

## Request

```
GET http://<your-domain>/soffid/webservice/scim2/v1/MailList/524071
```

## Response 200 OK

```
{
  "groupMembers": [],
  "usersList": [
    "admin",
    "test2"
  ],
  "description": "Test email",
  "externalList": [],
  "explodedUsersList": [
    "test2",
    "admin"
  ],
  "roleMembers": [],
  "lists": [
    "test@soffid.com"
  ],
  "meta": {
    "location": "http://soffid.pat.lab:8080/soffid/webservice/scim2/v1/MailList/524071",
    "resourceType": "MailList"
  },
  "domainName": "soffid.com",
  "schemas": [
    "urn:soffid:com.soffid.iam.api.MailList"
  ],
  "name": "test",
  "attributes": {},
  "id": 524071,
```

```
"listsBelong": "test@soffid.com"
}
```

# Create

## Request

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

### JSON

```
{
  "schemas": [
    "urn:soffid:com.soffid.iam.api.MailList"
  ],
  "name": "billingMailList",
  "domainName": "newdomain.com",
  "description": "Test email mailList",
  "usersList": [
    "admin",
    "dilbert"
  ]
}
```

## Response 201 Created

```
{
  "groupMembers": [],
  "usersList": [
    "dilbert",
    "admin"
  ],
  "description": "Test email mailList",
  "externalList": [],
  "explodedUsersList": [
    "dilbert",
    "admin"
  ],
  "roleMembers": [],
}
```

```
"lists": [],
"meta": {
  "location": "http://soffid.pat.lab:8080/soffid/webservice/scim2/v1/MailList/1976957",
  "resourceType": "MailList"
},
"domainName": "newdomain.com",
"schemas": [
  "urn:soffid:com.soffid.iam.api.MailList"
],
"name": "billingMailList",
"attributes": {},
"id": 1976957,
"listsBelong": ""
}
```

## 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/GroupUser/1976741
```

### JSON

```
{
  "Operations": [
    {
      "op": "remove",
      "path": "usersList",
      "value": [
        "admin",
        "dilbert"
      ]
    }
  ]
}
```

Response 200 OK

```
{
  "groupMembers": [],
  "description": "Test email mailList",
  "externalList": [],
  "explodedUsersList": [
    "dilbert",
    "admin"
  ],
  "roleMembers": [],
  "lists": [],
  "meta": {
    "location": "http://soffid.pat.lab:8080/soffid/webservice/scim2/v1/MailList/1976957",
    "resourceType": "MailList"
  },
  "domainName": "newdomain.com",
  "schemas": [
    "urn:soffid:com.soffid.iam.api.MailList"
  ],
  "name": "billingMailList",
  "attributes": {},
  "id": 1976957,
  "listsBelong": ""
}
```

## Update all

This operation replaces all values in the MailList.

- Note that the attribute id is required to confirm that the resource "...MailList/<id>" is the same that the JSON MailList.
- Note that all the attributes not included in the request will be cleared in the MailList 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/MailList/1976957
```

## JSON



```
{
  "schemas": [
    "urn:soffid:com.soffid.iam.api.MailList"
  ],
  "id": 1976957,
  "name": "mailList",
  "domainName": "newdomain.com"
}
```

## Response 200 OK

```
{
  "meta": {
    "location": "http://soffid.pat.lab:8080/soffid/webservice/scim2/v1/MailList/1976957",
    "resourceType": "MailList"
  },
  "domainName": "newdomain.com",
  "schemas": [
    "urn:soffid:com.soffid.iam.api.MailList"
  ],
  "name": "mailList",
  "attributes": {},
  "id": 1976957
}
```

# Delete

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

## Request

```
DELETE http://<your-omain>/soffid/webservice/scim2/v1/MailList/1976957
```

## 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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