

Fetching Groups via the API

Groups provide a means to organise multiple accounts collectively. The OpenAthens user administration interface allows operations to be performed on groups of accounts. Currently, the API provides only limited support for groups.

Fetching a group

The group(s) an individual account is a member of is returned as part of the `application/vnd.eduserv.iam.account-v1+json` object. Further information about a group can be obtained by fetching a group object.

Prerequisites

To fetch group information, a client application must

- authenticate to the API as described in [Authenticating to the API](#).
- obtain an account object, or a list of groups for an organisation.

Procedure

Perform a GET request to a group resource.

```
/api/v1/example.org/group/<id>
```

This returns a `application/vnd.eduserv.iam.admin.group-v1+json` object.

Response codes

HTTP Response Code	Description
200	The request was successful.
400	The request was invalid.
404	The group does not exist.

Example

Error rendering macro 'code': Invalid value specified for parameter 'com.atlassian.confluence.ext.code.render.InvalidValueException'

```
Request:
GET /api/v1/example.org/group/1234 HTTP/1.1
Authorization: OAApiKey <api-key>
Response (success):
HTTP/1.1 200 OK
Content-Type: application/vnd.eduserv.iam.admin.group-v1+json
```

```
{
  "id": "1234",
  "name": "group1",
  "links" : [
    {
      "rel" : "up",
      "type" : "application/vnd.eduserv.iam.admin.organisation-v1+json",
      "href" : "/api/v1/example.org/organisation/1234",
      "method" : "get"
    }
  ]
}
```

application/vnd.eduserv.iam.admin.group-v1+json object

Object field	Description
name	The name of the group.

Listing groups

Groups belong to and are created by organisations. Therefore an `application/vnd.eduserv.iam.admin.organisation-v1+json` object provides a link to a resource that will return a list of groups for that organisation.

Prerequisites

To fetch group information, a client application must

- authenticate to the API as described in [Authenticating to the API](#).
- obtain an organisation object, as described in [Fetching organisations via the API](#).

Procedure

Follow the link from an organisation object with a media type of application/vnd.eduserv.iam.admin.groupList-v1+json by performing a GET request to:

`/api/v1/example.org/organisation/<id>/groups`

The response payload is a list of groups.

Response codes

HTTP Response Code	Description
200	The request was successful.
400	The request was invalid.
404	The organisation does not exist.

Example

Error rendering macro 'code': Invalid value specified for parameter 'com.atlassian.confluence.ext.code.render.InvalidValueException'

```
Request:
GET /api/v1/example.org/organisation/1234/groups HTTP/1.1
Authorization: OAApiKey <api-key>
Response (success):
HTTP/1.1 200 OK
Content-Type: application/vnd.eduserv.iam.admin.groupList-v1+json
```

```
{
  "groups": [
    { "name": "group1", "href": "/api/v1/example.org/group/1234" },
    { "name": "group2", "href": "/api/v1/example.org/group/5678" },
    { "name": "group3", "href": "/api/v1/example.org/group/9012" },
    { "name": "group4", "href": "/api/v1/example.org/group/3456" }
  ],
  "links": [
    { "rel": "up",
      "type": "application/vnd.eduserv.iam.admin.organisation-v1+json",
      "href": "/api/v1/example.org/organisation/1234",
      "method": "get"
    }
  ]
}
```

See also:

- [API overview](#)
- [Authenticating to the API](#)
- [API entry-point](#)
- [Fetching attribute schemas via the API](#)
- [Fetching organisations via the API](#)
- [Fetching Groups via the API](#)
- [Account management via the API](#)
- [API bulk operations](#)
- [Fetching available service providers via the API](#)
- [Generating authentication tokens for end-users via the API](#)
- [API usage examples](#)