The REST API is now versioned. For more information, see "About API versioning."

# External groups

Use the REST API to view the external identity provider groups that are available to your organization and manage the connection between external groups and teams in your organization.

## About external groups ⚭

**Note:** SCIM for GitHub Enterprise Server is currently in private beta and is subject to change. For access to the beta, contact your account manager on GitHub's Sales team. Please provide feedback in the GitHub Community discussion.

**Warning:** The beta is exclusively for testing and feedback, and no support is available. GitHub recommends testing with a staging instance. For more information, see "Setting up a staging instance."

To use these endpoints, the authenticated user must be a team maintainer or an owner of the organization associated with the team.

## Get an external group ⚭

✅ Works with GitHub Apps

Displays information about the specific group's usage. Provides a list of the group's external members as well as a list of teams that this group is connected to.

You can manage team membership with your identity provider using Enterprise Managed Users for GitHub Enterprise Cloud. For more information, see "GitHub's products" in the GitHub Help documentation.

### Parameters for "Get an external group"

**Headers**

| | |
|---|---|
| **accept** string | |

Setting to `application/vnd.github+json` is recommended.

**Path parameters**

| | | |
|---|---|---|
| **org** string | Required | |

The organization name. The name is not case sensitive.

| | | |
|---|---|---|
| **group_id** integer | Required | |

The unique identifier of the group.

The unique identifier of the group.

## HTTP response status codes for "Get an external group"

| Status code | Description |
| --- | --- |
| `200` | OK |

## Code samples for "Get an external group"

cURL    JavaScript    GitHub CLI

```
curl -L \ -H "Accept: application/vnd.github+json" \ -H "Authorization: Bearer <YOUR-TOKEN>" \ -H "X-GitHub-Api-Version: 2022-11-28"
\ http(s)://HOSTNAME/api/v3/orgs/ORG/external-group/GROUP_ID
```

### Response

Example response    Response schema

Status: 200

```
{ "group_id": "123", "group_name": "Octocat admins", "updated_at": "2021-01-24T11:31:04-06:00", "teams": [ { "team_id": 1,
"team_name": "team-test" }, { "team_id": 2, "team_name": "team-test2" } ], "members": [ { "member_id": 1, "member_login": "mona-
lisa_eocsaxrs", "member_name": "Mona Lisa", "member_email": "mona_lisa@github.com" }, { "member_id": 2, "member_login": "octo-
lisa_eocsaxrs", "member_name": "Octo Lisa", "member_email": "octo_lisa@github.com" } ] }
```

# List external groups in an organization 🔗

✅ Works with [GitHub Apps](#)

Lists external groups available in an organization. You can query the groups using the `display_name` parameter, only groups with a `group_name` containing the text provided in the `display_name` parameter will be returned. You can also limit your page results using the `per_page` parameter. GitHub Enterprise Server generates a url-encoded `page` token using a cursor value for where the next page begins. For more information on cursor pagination, see "[Offset and Cursor Pagination explained](#)."

You can manage team membership with your identity provider using Enterprise Managed Users for GitHub Enterprise Cloud. For more information, see "[GitHub's products](#)" in the GitHub Help documentation.

## Parameters for "List external groups in an organization"

### Headers

**accept**   string

Setting to `application/vnd.github+json` is recommended.

### Path parameters

**org** string   Required

The organization name. The name is not case sensitive.

## Query parameters

**per_page** integer

The number of results per page (max 100).

Default: `30`

**page** integer

Page token

**display_name** string

Limits the list to groups containing the text in the group name

## HTTP response status codes for "List external groups in an organization"

| Status code | Description |
| --- | --- |
| `200` | OK |

## Code samples for "List external groups in an organization"

GET `/orgs/{org}/external-groups`

cURL    JavaScript    GitHub CLI

```
curl -L \ -H "Accept: application/vnd.github+json" \ -H "Authorization: Bearer <YOUR-TOKEN>" \ -H "X-GitHub-Api-Version: 2022-11-28"
\ http(s)://HOSTNAME/api/v3/orgs/ORG/external-groups
```

**Response**

Example response    Response schema

Status: 200

```
{ "groups": [ { "group_id": "123", "group_name": "Octocat admins", "updated_at": "2021-01-24T11:31:04-06:00" }, { "group_id": "456",
"group_name": "Octocat docs members", "updated_at": "2021-03-24T11:31:04-06:00" } ] }
```

# List a connection between an external group and a team 🔗

✅ Works with [GitHub Apps](#)

Lists a connection between a team and an external group.

Lists a connection between a team and an external group.

You can manage team membership with your identity provider using Enterprise Managed Users for GitHub Enterprise Cloud. For more information, see "[GitHub's products](#)" in the GitHub Help documentation.

## Parameters for "List a connection between an external group and a team"

### Headers

`accept` string

Setting to `application/vnd.github+json` is recommended.

### Path parameters

`org` string   Required

The organization name. The name is not case sensitive.

`team_slug` string   Required

The slug of the team name.

## HTTP response status codes for "List a connection between an external group and a team"

| Status code | Description |
| --- | --- |
| `200` | OK |

## Code samples for "List a connection between an external group and a team"

**GET** `/orgs/{org}/teams/{team_slug}/external-groups`

cURL    JavaScript    GitHub CLI

```
curl -L \ -H "Accept: application/vnd.github+json" \ -H "Authorization: Bearer <YOUR-TOKEN>" \ -H "X-GitHub-Api-Version: 2022-11-28"
\ http(s)://HOSTNAME/api/v3/orgs/ORG/teams/TEAM_SLUG/external-groups
```

**Response**

Example response    Response schema

Status: 200

```
{ "groups": [ { "group_id": "123", "group_name": "Octocat admins", "updated_at": "2021-01-24T11:31:04-06:00" }, { "group_id": "456",
"group_name": "Octocat docs members", "updated_at": "2021-03-24T11:31:04-06:00" } ] }
```

# Update the connection between an external group and a team 🔗

Creates a connection between a team and an external group. Only one external group can be linked to a team.

You can manage team membership with your identity provider using Enterprise Managed Users for GitHub Enterprise Cloud. For more information, see "[GitHub's products](#)" in the GitHub Help documentation.

## Parameters for "Update the connection between an external group and a team"

### Headers

**accept** string

Setting to `application/vnd.github+json` is recommended.

### Path parameters

**org** string  Required

The organization name. The name is not case sensitive.

**team_slug** string  Required

The slug of the team name.

### Body parameters

**group_id** integer  Required

External Group Id

## HTTP response status codes for "Update the connection between an external group and a team"

| Status code | Description |
| --- | --- |
| 200 | OK |

## Code samples for "Update the connection between an external group and a team"

`PATCH` `/orgs/{org}/teams/{team_slug}/external-groups`

cURL   JavaScript   GitHub CLI

```
curl -L \ -X PATCH \ -H "Accept: application/vnd.github+json" \ -H "Authorization: Bearer <YOUR-TOKEN>" \ -H "X-GitHub-Api-Version:
2022-11-28" \ http(s)://HOSTNAME/api/v3/orgs/ORG/teams/TEAM_SLUG/external-groups \ -d '{"group_id":123}'
```

### Response

Example response   Response schema

Status: 200

```
{ "group_id": "123", "group_name": "Octocat admins", "updated_at": "2021-01-24T11:31:04-06:00", "teams": [ { "team_id": 1,
"team_name": "team-test" }, { "team_id": 2, "team_name": "team-test2" } ], "members": [ { "member_id": 1, "member_login": "mona-
lisa_eocsaxrs", "member_name": "Mona Lisa", "member_email": "mona_lisa@github.com" }, { "member_id": 2, "member_login": "octo-
lisa_eocsaxrs", "member_name": "Octo Lisa", "member_email": "octo_lisa@github.com" } ] }
```

# Remove the connection between an external group and a team 🔗

Deletes a connection between a team and an external group.

You can manage team membership with your IdP using Enterprise Managed Users for GitHub Enterprise Cloud. For more information, see [GitHub's products](#) in the GitHub Help documentation.

## Parameters for "Remove the connection between an external group and a team"

### Headers

| | |
|---|---|
| `accept` string | |

Setting to `application/vnd.github+json` is recommended.

### Path parameters

| | | |
|---|---|---|
| `org` string | Required | |

The organization name. The name is not case sensitive.

| | | |
|---|---|---|
| `team_slug` string | Required | |

The slug of the team name.

## HTTP response status codes for "Remove the connection between an external group and a team"

| Status code | Description |
|---|---|
| `204` | No Content |

## Code samples for "Remove the connection between an external group and a team"

**DELETE** `/orgs/{org}/teams/{team_slug}/external-groups`

cURL     JavaScript     GitHub CLI

```
curl -L \ -X DELETE \ -H "Accept: application/vnd.github+json" \ -H "Authorization: Bearer <YOUR-TOKEN>" \ -H "X-GitHub-Api-Version:
2022-11-28" \ http(s)://HOSTNAME/api/v3/orgs/ORG/teams/TEAM_SLUG/external-groups
```

## Response

```
Status: 204
```

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