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

Users

Use the REST API to suspend, unsuspend, promote, and demote users on your enterprise.

About user administration 🔗

These endpoints are only available to authenticated site administrators. Normal users will receive a `403` response.

These endpoints only support authentication using a personal access token (classic). For more information, see "Managing your personal access tokens."

List public keys 🔗

Parameters for "List public keys"

Headers

accept	string

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

Query parameters

per_page	integer

The number of results per page (max 100).

Default: `30`

page	integer

Page number of the results to fetch.

Default: `1`

direction	string

The direction to sort the results by.

Default: `desc`

Can be one of: `asc`, `desc`

sort	string

Default: `created`

Can be one of: `created`, `updated`, `accessed`

since string

Only show public keys accessed after the given time.

HTTP response status codes for "List public keys"

Status code	Description
`200`	OK

Code samples for "List public keys"

> **GET** /admin/keys

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/admin/keys
```

Response

Example response   Response schema

Status: 200

```
[ { "key": "2Sg8iYjAxxmI2LvUXpJjkYrMxURPc8r+dB7TJyvv1234", "id": 2, "url": "https://HOSTNAME/user/keys/2", "title": "ssh-rsa
AAAAB3NzaC1yc2EAAA", "created_at": "2020-06-11T21:31:57Z", "verified": false, "read_only": false, "last_used": "2020-06-
11T22:31:57Z", "user_id": 1, "repository_id": 2 }, { "key": "9Og8iYjAyymI9LvABpJerYrMxURPc8r+dB7TJyvv1234", "id": 3, "url":
"https://HOSTNAME/user/keys/2", "title": "ssh-rsa AAAAB3NzaC1yc2EAAA", "created_at": "2020-06-11T21:31:57Z", "verified": false,
"read_only": false, "last_used": "2020-06-11T22:31:57Z", "user_id": 1, "repository_id": 2 } ]
```

Delete a public key 🔗

Parameters for "Delete a public key"

Headers

accept string

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

Path parameters

key_ids string   Required

The unique identifier of the key.

HTTP response status codes for "Delete a public key"

Status code	Description
204	No Content

Code samples for "Delete a public key"

DELETE `/admin/keys/{key_ids}`

---

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/admin/keys/KEY_IDS
```

Response

```
Status: 204
```

List personal access tokens ⧉

Lists personal access tokens for all users, including admin users.

Parameters for "List personal access tokens"

Headers

accept string

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

Query parameters

per_page integer

The number of results per page (max 100).

Default: `30`

---

page integer

Page number of the results to fetch.

Default: `1`

HTTP response status codes for "List personal access tokens"

Status code	Description
200	OK

Code samples for "List personal access tokens"

`GET` `/admin/tokens`

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/admin/tokens
```

Response

Example response	Response schema

Status: 200

```
[ { "id": 2, "url": "https://enterprise.octocat.com/api/v3/authorizations/2", "app": { "name": "My personal access token", "url":
"https://docs.github.com/enterprise/rest/enterprise-admin/users#list-personal-access-tokens", "client_id": "00000000000000000000"
}, "token": "ghp_16C7e42F292c6912E7710c838347Ae178B4a", "hashed_token":
"23cffb2fab1b0a62747863eba88cb9327e561f2f7a0c8661c0d9b83146cb8d45", "token_last_eight": "Ae178B4a", "note": "My personal access
token", "note_url": null, "created_at": "2019-04-24T21:49:02Z", "updated_at": "2019-04-24T21:49:02Z", "scopes": [ "admin:business",
"admin:gpg_key", "admin:org", "admin:org_hook", "admin:pre_receive_hook", "admin:public_key", "admin:repo_hook", "delete_repo",
```

Delete a personal access token 🔗

Deletes a personal access token. Returns a `403 - Forbidden` status when a personal access token is in use. For example, if you access this endpoint with the same personal access token that you are trying to delete, you will receive this error.

Parameters for "Delete a personal access token"

Headers

accept string

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

Path parameters

token_id integer   Required

The unique identifier of the token.

HTTP response status codes for "Delete a personal access token"

Status code	Description
`204`	No Content

Code samples for "Delete a personal access token"

`DELETE` `/admin/tokens/{token_id}`

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/admin/tokens/TOKEN_ID
```

Response

```
Status: 204
```

Create a user 🔗

If an external authentication mechanism is used, the login name should match the login name in the external system. If you are using LDAP authentication, you should also [update the LDAP mapping](#) for the user.

The login name will be normalized to only contain alphanumeric characters or single hyphens. For example, if you send `"octo_cat"` as the login, a user named `"octo-cat"` will be created.

If the login name or email address is already associated with an account, the server will return a `422` response.

Parameters for "Create a user"

Headers

`accept` string

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

Body parameters

`login` string Required

The user's username.

`email` string

Required for built-in authentication. The user's email address. This parameter can be omitted when using CAS, LDAP, or SAML. For more information, see "[About authentication for your enterprise](#)."

`suspended` boolean

Whether to set the user as suspended when the user is created.

Default: `false`

HTTP response status codes for "Create a user"

Status code	Description
`201`	Created

Code samples for "Create a user"

POST /admin/users

```
curl -L \ -X POST \ -H "Accept: application/vnd.github+json" \ -H "Authorization: Bearer <YOUR-TOKEN>" \ -H "X-GitHub-Api-Version:
2022-11-28" \ http(s)://HOSTNAME/api/v3/admin/users \ -d '{"login":"monalisa","email":"octocat@github.com"}'
```

Response

Example response   Response schema

Status: 201

```
{ "login": "octocat", "id": 1, "node_id": "MDQ6VXNlcjE=", "avatar_url": "https://github.com/images/error/octocat_happy.gif",
"gravatar_id": "", "url": "https://HOSTNAME/users/octocat", "html_url": "https://github.com/octocat", "followers_url":
"https://HOSTNAME/users/octocat/followers", "following_url": "https://HOSTNAME/users/octocat/following{/other_user}", "gists_url":
"https://HOSTNAME/users/octocat/gists{/gist_id}", "starred_url": "https://HOSTNAME/users/octocat/starred{/owner}{/repo}",
"subscriptions_url": "https://HOSTNAME/users/octocat/subscriptions", "organizations_url": "https://HOSTNAME/users/octocat/orgs",
"repos_url": "https://HOSTNAME/users/octocat/repos", "events_url": "https://HOSTNAME/users/octocat/events{/privacy}",
```

Update the username for a user 🔗

Parameters for "Update the username for a user"

Headers

`accept`   string

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

Path parameters

`username`   string   Required

The handle for the GitHub user account.

Body parameters

`login`   string   Required

The user's new username.

HTTP response status codes for "Update the username for a user"

Status code	Description
202	Accepted

Code samples for "Update the username for a user"

PATCH   /admin/users/{username}

```
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/admin/users/USERNAME \ -d '{"login":"thenewmonalisa"}'
```

Response

Example response   Response schema

```
Status: 202
```

```
{ "message": "Job queued to rename user. It may take a few minutes to complete.", "url": "https://HOSTNAME/user/1" }
```

Delete a user 🔗

Deleting a user will delete all their repositories, gists, applications, and personal settings. [Suspending a user](#) is often a better option.

You can delete any user account except your own.

Parameters for "Delete a user"

Headers

accept *string*

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

Path parameters

username *string*   Required

The handle for the GitHub user account.

HTTP response status codes for "Delete a user"

Status code	Description
204	No Content

Code samples for "Delete a user"

`DELETE` /admin/users/{username}

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/admin/users/USERNAME
```

Response

```
Status: 204
```

Create an impersonation OAuth token 🔗

Parameters for "Create an impersonation OAuth token"

Headers

accept   string

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

Path parameters

username   string   Required

The handle for the GitHub user account.

Body parameters

scopes   array of strings   Required

A list of [scopes](#).

HTTP response status codes for "Create an impersonation OAuth token"

Status code	Description
`200`	Response when getting an existing impersonation OAuth token
`201`	Response when creating a new impersonation OAuth token

Code samples for "Create an impersonation OAuth token"

Example 1: Status Code 200 ⇕

`POST` /admin/users/{username}/authorizations
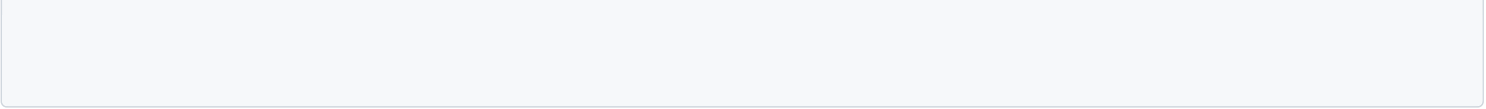
cURL   JavaScript   GitHub CLI

```
curl -L \ -X POST \ -H "Accept: application/vnd.github+json" \ -H "Authorization: Bearer <YOUR-TOKEN>" \ -H "X-GitHub-Api-Version:
2022-11-28" \ http(s)://HOSTNAME/api/v3/admin/users/USERNAME/authorizations \ -d '{"scopes":["public_repo"]}'
```

Response when getting an existing impersonation OAuth token

Example response | Response schema

```
  Status: 200
```

```
{ "id": 1, "url": "https://HOSTNAME/authorizations/1", "scopes": [ "public_repo" ], "token":
"ghu_16C7e42F292c6912E7710c838347Ae178B4a", "token_last_eight": "Ae178B4a", "hashed_token":
"25f94a2a5c7fbaf499c665bc73d67c1c87e496da8985131633ee0a95819db2e8", "app": { "url": "http://my-github-app.com", "name": "my github
app", "client_id": "abcde12345fghij67890" }, "note": "optional note", "note_url": "http://optional/note/url", "updated_at": "2011-09-
06T20:39:23Z", "created_at": "2011-09-06T17:26:27Z", "expires_at": "2011-10-06T17:26:27Z", "fingerprint": "jklmnop12345678" }
```

Delete an impersonation OAuth token 🔗

Parameters for "Delete an impersonation OAuth token"

Headers

accept   string

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

Path parameters

username   string   Required

The handle for the GitHub user account.

HTTP response status codes for "Delete an impersonation OAuth token"

Status code	Description
204	No Content

Code samples for "Delete an impersonation OAuth token"

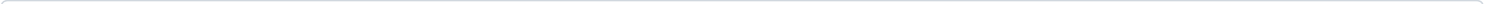**DELETE**   /admin/users/{username}/authorizations

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/admin/users/USERNAME/authorizations
```

Response

```
    Status: 204
```

Promote a user to be a site administrator 🔗

Note that you'll need to set `Content-Length` to zero when calling out to this endpoint. For more information, see "[HTTP verbs](#)."

Parameters for "Promote a user to be a site administrator"

Headers

accept string	

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

Path parameters

username string Required	

The handle for the GitHub user account.

HTTP response status codes for "Promote a user to be a site administrator"

Status code	Description
`204`	No Content

Code samples for "Promote a user to be a site administrator"

PUT	/users/{username}/site_admin

cURL	JavaScript	GitHub CLI	📋

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

Response

```
    Status: 204
```

Demote a site administrator 🔗

You can demote any user account except your own.

Parameters for "Demote a site administrator"

Headers

accept   string

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

Path parameters

username   string   Required

The handle for the GitHub user account.

HTTP response status codes for "Demote a site administrator"

Status code	Description
`204`	No Content

Code samples for "Demote a site administrator"

`DELETE` /users/{username}/site_admin

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/users/USERNAME/site_admin
```

Response

```
Status: 204
```

Suspend a user 🔗

If your GitHub instance uses [LDAP Sync with Active Directory LDAP servers](#), Active Directory LDAP-authenticated users cannot be suspended through this API. If you attempt to suspend an Active Directory LDAP-authenticated user through this API, it will return a `403` response.

You can suspend any user account except your own.

Note that, if you choose not to pass any parameters, you'll need to set `Content-Length` to zero when calling out to this endpoint. For more information, see "[HTTP verbs](#)."

Parameters for "Suspend a user"

Headers

accept   string

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

Path parameters

`username` string Required

The handle for the GitHub user account.

Body parameters

`reason` string

The reason the user is being suspended. This message will be logged in the [audit log](#). If you don't provide a `reason`, it will default to "Suspended via API by *SITE_ADMINISTRATOR*", where *SITE_ADMINISTRATOR* is the person who performed the action.

HTTP response status codes for "Suspend a user"

Status code	Description
204	No Content

Code samples for "Suspend a user"

PUT /users/{username}/suspended

cURL   JavaScript   GitHub CLI

```
curl -L \ -X PUT \ -H "Accept: application/vnd.github+json" \ -H "Authorization: Bearer <YOUR-TOKEN>" \ -H "X-GitHub-Api-Version:
2022-11-28" \ http(s)://HOSTNAME/api/v3/users/USERNAME/suspended \ -d '{"reason":"Suspended during leave of absence."}'
```

Response

```
Status: 204
```

Unsuspend a user 🔗

If your GitHub instance uses [LDAP Sync with Active Directory LDAP servers](#), this API is disabled and will return a `403` response. Active Directory LDAP-authenticated users cannot be unsuspended using the API.

Parameters for "Unsuspend a user"

Headers

`accept` string

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

Path parameters

username string   *Required*

The handle for the GitHub user account.

Body parameters

reason string

The reason the user is being unsuspended. This message will be logged in the [audit log](#). If you don't provide a `reason`, it will default to "Unsuspended via API by *SITE_ADMINISTRATOR*", where *SITE_ADMINISTRATOR* is the person who performed the action.

HTTP response status codes for "Unsuspend a user"

Status code	Description
204	No Content

Code samples for "Unsuspend a user"

`DELETE` /users/{username}/suspended

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/users/USERNAME/suspended \ -d '{"reason":"Unsuspended after leave of absence."}'
```

Response

```
Status: 204
```