

The REST API is now versioned. For more information, see "[About API versioning](#)."

Personal access tokens

Use the REST API to manage fine-grained personal access tokens.

Note: Fine-grained personal access token are currently in beta and subject to change. To leave feedback, see [the feedback discussion](#).

List requests to access organization resources with fine-grained personal access tokens

✔ Works with [GitHub Apps](#)

Lists requests from organization members to access organization resources with a fine-grained personal access token. Only GitHub Apps can call this API, using the `organization_personal_access_token_requests: read` permission.

Note: Fine-grained PATs are in public beta. Related APIs, events, and functionality are subject to change.

Parameters for "List requests to access organization resources with fine-grained personal access tokens"

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 number of the results to fetch.

Default: `1`

sort string

The property by which to sort the results.

Default: `created_at`
Value: `created_at`

direction string

The direction to sort the results by.

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

owner array

A list of owner usernames to use to filter the results.

repository string

The name of the repository to use to filter the results.

permission string

The permission to use to filter the results.

last_used_before string

Only show fine-grained personal access tokens used before the given time. This is a timestamp in [ISO 8601](#) format: `YYYY-MM-DDTHH:MM:SSZ` .

last_used_after string

Only show fine-grained personal access tokens used after the given time. This is a timestamp in [ISO 8601](#) format: `YYYY-MM-DDTHH:MM:SSZ` .

HTTP response status codes for "List requests to access organization resources with fine-grained personal access tokens"

Status code	Description
200	OK
403	Forbidden
404	Resource not found
422	Validation failed, or the endpoint has been spammed.
500	Internal Error

Code samples for "List requests to access organization resources with fine-grained personal access tokens"

GET

/orgs/{org}/personal-access-token-requests

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" \
https://api.github.com/orgs/ORG/personal-access-token-requests
```

Response

Example response	Response schema
Status: 200	
<pre>[{ "id": 25381, "reason": "I need to access the GitHub API", "owner": { "login": "octocat", "id": 1, "node_id": "MDQ6VXNlcjE=", "avatar_url": "https://github.com/images/error/octocat_happy.gif", "gravatar_id": "", "url": "https://api.github.com/users/octocat", "html_url": "https://github.com/octocat", "followers_url": "https://api.github.com/users/octocat/followers", "following_url": "https://api.github.com/users/octocat/following{/other_user}", "gists_url": "https://api.github.com/users/octocat/gists{/gist_id}", "starred_url": "https://api.github.com/users/octocat/starred{/owner}/{/repo}", "subscriptions_url":</pre>	

Review requests to access organization resources with fine-grained personal access tokens [↗](#)

✔ Works with [GitHub Apps](#)

Approves or denies multiple pending requests to access organization resources via a fine-grained personal access token. Only GitHub Apps can call this API, using the `organization_personal_access_token_requests: write` permission.

Note: Fine-grained PATs are in public beta. Related APIs, events, and functionality are subject to change.

Parameters for "Review requests to access organization resources with fine-grained personal access tokens"

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.

Body parameters

pat_request_ids array of integers
Unique identifiers of the requests for access via fine-grained personal access token. Must be formed of between 1 and 100 `pat_request_id` values.

action string **Required**
Action to apply to the requests.
Can be one of: `approve` , `deny`

reason string or null
Reason for approving or denying the requests. Max 1024 characters.

HTTP response status codes for "Review requests to access organization resources with fine-grained personal access tokens"

Status code	Description
202	Accepted
403	Forbidden
404	Resource not found
422	Validation failed, or the endpoint has been spammed.
500	Internal Error

Code samples for "Review requests to access organization resources with fine-grained personal access tokens"

POST /orgs/{org}/personal-access-token-requests

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" \ https://api.github.com/orgs/ORG/personal-access-token-requests \ -d '{"pat_request_ids": [42,73],"action":"deny","reason":"Access is too broad."}'
```

Accepted

Example response

Response schema

Status: 202

Review a request to access organization resources with a fine-grained personal access token

Works with [GitHub Apps](#)

Approves or denies a pending request to access organization resources via a fine-grained personal access token. Only GitHub Apps can call this API, using the `organization_personal_access_token_requests: write` permission.

Note: Fine-grained PATs are in public beta. Related APIs, events, and functionality are subject to change.

Parameters for "Review a request to access organization resources with a fine-grained personal access token"

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.

pat_request_id integer Required

Unique identifier of the request for access via fine-grained personal access token.

Body parameters

action string Required

Action to apply to the request.

Can be one of: `approve` , `deny`

reason string or null

Reason for approving or denying the request. Max 1024 characters.

HTTP response status codes for "Review a request to access organization resources with a fine-grained personal access token"

Status code	Description
204	A header with no content is returned.
403	Forbidden
404	Resource not found
422	Validation failed, or the endpoint has been spammed.
500	Internal Error

Code samples for "Review a request to access organization resources with a fine-grained personal access token"

POST /orgs/{org}/personal-access-token-requests/{pat_request_id}

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" \
https://api.github.com/orgs/ORG/personal-access-token-requests/PAT_REQUEST_ID \
-d '{"action":"deny","reason":"This request is denied because the access is too broad."}'
```

A header with no content is returned.

Status: 204

List repositories requested to be accessed by a fine-grained personal access token

✔ Works with [GitHub Apps](#)

Lists the repositories a fine-grained personal access token request is requesting access to. Only GitHub Apps can call

this API, using the `organization_personal_access_token_requests: read` permission.

Note: Fine-grained PATs are in public beta. Related APIs, events, and functionality are subject to change.

Parameters for "List repositories requested to be accessed by a fine-grained personal access token"

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.

`pat_request_id` integer **Required**

Unique identifier of the request for access via fine-grained personal access token.

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 repositories requested to be accessed by a fine-grained personal access token"

Status code	Description
<code>200</code>	OK
<code>403</code>	Forbidden
<code>404</code>	Resource not found
<code>500</code>	Internal Error

Code samples for "List repositories requested to be accessed by a fine-grained personal access token"

`GET` `/orgs/{org}/personal-access-token-requests/{pat_request_id}/repositories`

`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" \
  https://api.github.com/orgs/ORG/personal-access-token-requests/PAT_REQUEST_ID/repositories
```

Response

Example responseResponse schema

Status: 200

[{ "id": 1296269, "node_id": "MDEwOlJlcG9zaXRvcnkxMjk2MjY5", "name": "Hello-World", "full_name": "octocat/Hello-World", "owner": { "login": "octocat", "id": 1, "node_id": "MDQ6VXNlcjE=", "avatar_url": "https://github.com/images/error/octocat_happy.gif", "gravatar_id": "", "url": "https://api.github.com/users/octocat", "html_url": "https://github.com/octocat", "followers_url": "https://api.github.com/users/octocat/followers", "following_url": "https://api.github.com/users/octocat/following{/other_user}", "gists_url": "https://api.github.com/users/octocat/gists{/gist_id}", "starred_url": "https://api.github.com/users/octocat/starred{/owner}/{/repo}", "subscriptions_url":

List fine-grained personal access tokens with access to organization resources

Works with [GitHub Apps](#)

Lists approved fine-grained personal access tokens owned by organization members that can access organization resources. Only GitHub Apps can call this API, using the `organization_personal_access_tokens: read` permission.

Note: Fine-grained PATs are in public beta. Related APIs, events, and functionality are subject to change.

Parameters for "List fine-grained personal access tokens with access to organization resources"

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 number of the results to fetch.

Default: `1`

sort string

The property by which to sort the results.

Default: `created_at`

Value: `created_at`

direction string

direction string

The direction to sort the results by.

Default: desc

Can be one of: asc , desc

owner array

A list of owner usernames to use to filter the results.

repository string

The name of the repository to use to filter the results.

permission string

The permission to use to filter the results.

last_used_before string

Only show fine-grained personal access tokens used before the given time. This is a timestamp in [ISO 8601](#) format: YYYY-MM-DDTHH:MM:SSZ .

last_used_after string

Only show fine-grained personal access tokens used after the given time. This is a timestamp in [ISO 8601](#) format: YYYY-MM-DDTHH:MM:SSZ .

HTTP response status codes for "List fine-grained personal access tokens with access to organization resources"

Status code	Description
200	OK
403	Forbidden
404	Resource not found
422	Validation failed, or the endpoint has been spammed.
500	Internal Error

Code samples for "List fine-grained personal access tokens with access to organization resources"

GET

/orgs/{org}/personal-access-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" \ https://api.github.com/orgs/ORG/personal-access-tokens
```

Response

Example response

Response schema

Status: 200


```
[ { "id": 25381, "owner": { "login": "octocat", "id": 1, "node_id": "MDQ6VXNlcjE=", "avatar_url":
"https://github.com/images/error/octocat_happy.gif", "gravatar_id": "", "url": "https://api.github.com/users/octocat", "html_url":
"https://github.com/octocat", "followers_url": "https://api.github.com/users/octocat/followers", "following_url":
"https://api.github.com/users/octocat/following{/other_user}", "gists_url": "https://api.github.com/users/octocat/gists{/gist_id}",
"starred_url": "https://api.github.com/users/octocat/starred{/owner}/{repo}", "subscriptions_url":
"https://api.github.com/users/octocat/subscriptions", "organizations_url": "https://api.github.com/users/octocat/orgs",
```

Update the access to organization resources via fine-grained personal access tokens

 Works with [GitHub Apps](#)

Updates the access organization members have to organization resources via fine-grained personal access tokens. Limited to revoking a token's existing access. Only GitHub Apps can call this API, using the `organization_personal_access_tokens: write` permission.

Note: Fine-grained PATs are in public beta. Related APIs, events, and functionality are subject to change.

Parameters for "Update the access to organization resources via fine-grained personal access tokens"

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.

Body parameters

`action` string **Required**

Action to apply to the fine-grained personal access token.

Value: `revoke`

`pat_ids` array of integers **Required**

The IDs of the fine-grained personal access tokens.

HTTP response status codes for "Update the access to organization resources via fine-grained personal access tokens"

Status code	Description
202	Accepted
403	Forbidden
404	Resource not found

422	Validation failed, or the endpoint has been spammed.
500	Internal Error

Code samples for "Update the access to organization resources via fine-grained personal access tokens"

POST /orgs/{org}/personal-access-tokens

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" \ https://api.github.com/orgs/ORG/personal-access-tokens \ -d '{"action":"revoke","pat_ids":[1296269,1296280]}'
```

Accepted

Example response

Response schema

Status: 202

Update the access a fine-grained personal access token has to organization resources [🔗](#)

✔ Works with [GitHub Apps](#)

Updates the access an organization member has to organization resources via a fine-grained personal access token. Limited to revoking the token's existing access. Limited to revoking a token's existing access. Only GitHub Apps can call this API, using the `organization_personal_access_tokens: write` permission.

Note: Fine-grained PATs are in public beta. Related APIs, events, and functionality are subject to change.

Parameters for "Update the access a fine-grained personal access token has to organization resources"

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.

pat_id

 integer **Required**
The unique identifier of the fine-grained personal access token.

Body parameters

action string **Required**

Action to apply to the fine-grained personal access token.

Value: revoke

HTTP response status codes for "Update the access a fine-grained personal access token has to organization resources"

Status code	Description
204	A header with no content is returned.
403	Forbidden
404	Resource not found
422	Validation failed, or the endpoint has been spammed.
500	Internal Error

Code samples for "Update the access a fine-grained personal access token has to organization resources"

POST

/orgs/{org}/personal-access-tokens/{pat_id}

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" \ https://api.github.com/orgs/ORG/personal-access-tokens/PAT_ID \ -d '{"action": "revoke"}'
```

A header with no content is returned.

Status: 204

List repositories a fine-grained personal access token has access to

Works with [GitHub Apps](#)

Lists the repositories a fine-grained personal access token has access to. Only GitHub Apps can call this API, using the organization_personal_access_tokens: read permission.

Note: Fine-grained PATs are in public beta. Related APIs, events, and functionality are subject to change.

Parameters for "List repositories a fine-grained personal access token has access to"

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.

pat_id integer Required

Unique identifier of the fine-grained personal access token.

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 repositories a fine-grained personal access token has access to"

Status code	Description
200	OK
403	Forbidden
404	Resource not found
500	Internal Error

Code samples for "List repositories a fine-grained personal access token has access to"

GET /orgs/{org}/personal-access-tokens/{pat_id}/repositories

cURLJavaScriptGitHub CLI

curl -L \ -H "Accept: application/vnd.github+json" \ -H "Authorization: Bearer <YOUR-TOKEN>" \ -H "X-GitHub-API-Version: 2022-11-28" \ https://api.github.com/orgs/ORG/personal-access-tokens/PAT_ID/repositories

Response

Example responseResponse schema

Status: 200

[{ "id": 1296269, "node_id": "MDEwOJlJlcG9zaXRvcnkxMjk2MjY5", "name": "Hello-World", "full_name": "octocat/Hello-World", "owner": { "login": "octocat", "id": 1, "node_id": "MDQ6VXNlcjE=", "avatar_url": "https://github.com/images/error/octocat_happy.gif", "gravatar_id": "", "url": "https://api.github.com/users/octocat", "html_url": "https://github.com/octocat", "followers_url": "https://api.github.com/users/octocat/followers", "following_url": "https://api.github.com/users/octocat/following{/other_user}", "gists_url": "https://api.github.com/users/octocat/gists{/gist_id}", "starred_url": "https://api.github.com/users/octocat/starred{/owner}/{repo}", "subscriptions_url":

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