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" \ http(s)://HOSTNAME/api/v3/orgs/ORG/personal-access-token-requests
```

Response

Example response | Response schema

Status: 200

[{ "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://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":

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" \ http(s)://HOSTNAME/api/v3/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" \ http(s)://HOSTNAME/api/v3/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
`200`	OK
`403`	Forbidden
`404`	Resource not found
`500`	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" \ http(s)://HOSTNAME/api/v3/orgs/ORG/personal-access-token-requests/PAT_REQUEST_ID/repositories
```

Response

Example response | Response 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://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",
```


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" \ http(s)://HOSTNAME/api/v3/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://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":
```


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" \ http(s)://HOSTNAME/api/v3/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" \ http(s)://HOSTNAME/api/v3/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`

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/personal-access-tokens/PAT_ID/repositories
```

Response

Example response | Response 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://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",
```

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