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

Dependabot secrets

Use the REST API to manage Dependabot secrets for an organization or repository.

About Dependabot secrets 🔗

You can create, update, delete, and retrieve information about encrypted secrets using the REST API. Secrets allow you to store sensitive information, such as access tokens, in your repository, repository environments, or organization. For more information, see "Configuring access to private registries for Dependabot."

These endpoints are available for authenticated users, OAuth apps, and GitHub Apps. Access tokens require `repo` `scope` for private repositories and `public_repo` `scope` for public repositories. GitHub Apps must have the `dependabot_secrets` permission to use these endpoints. Authenticated users must have collaborator access to a repository to create, update, or read secrets.

List organization secrets 🔗

✓ Works with GitHub Apps

Lists all secrets available in an organization without revealing their encrypted values. You must authenticate using an access token with the `admin:org` scope to use this endpoint. GitHub Apps must have the `dependabot_secrets` organization permission to use this endpoint.

Parameters for "List organization secrets"

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`

HTTP response status codes for "List organization secrets"

Status code	Description
`200`	OK

Code samples for "List organization secrets"

GET `/orgs/{org}/dependabot/secrets`

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/dependabot/secrets
```

Response

Example response   Response schema

Status: 200

```
{ "total_count": 3, "secrets": [ { "name": "MY_ARTIFACTORY_PASSWORD", "created_at": "2021-08-10T14:59:22Z", "updated_at": "2021-12-
10T14:59:22Z", "visibility": "private" }, { "name": "NPM_TOKEN", "created_at": "2021-08-10T14:59:22Z", "updated_at": "2021-12-
10T14:59:22Z", "visibility": "all" }, { "name": "GH_TOKEN", "created_at": "2021-08-10T14:59:22Z", "updated_at": "2021-12-
10T14:59:22Z", "visibility": "selected", "selected_repositories_url": "https://HOSTNAME/orgs/octo-
org/dependabot/secrets/SUPER_SECRET/repositories" } ] }
```

Get an organization public key 🔗

✅ Works with [GitHub Apps](#)

Gets your public key, which you need to encrypt secrets. You need to encrypt a secret before you can create or update secrets. You must authenticate using an access token with the `admin:org` scope to use this endpoint. GitHub Apps must have the `dependabot_secrets` organization permission to use this endpoint.

Parameters for "Get an organization public key"

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.

HTTP response status codes for "Get an organization public key"

Status code	Description
`200`	OK

Code samples for "Get an organization public key"

`GET` `/orgs/{org}/dependabot/secrets/public-key`

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/dependabot/secrets/public-key
```

Response

Example response   Response schema

Status: 200

```
{ "key_id": "012345678912345678", "key": "2Sg8iYjAxxmI2LvUXpJjkYrMxURPc8r+dB7TJyvv1234" }
```

Get an organization secret 🔗

✓ Works with [GitHub Apps](#)

Gets a single organization secret without revealing its encrypted value. You must authenticate using an access token with the `admin:org` scope to use this endpoint. GitHub Apps must have the `dependabot_secrets` organization permission to use this endpoint.

Parameters for "Get an organization secret"

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.

secret_name string Required

The name of the secret.

HTTP response status codes for "Get an organization secret"

Status code	Description
200	OK

Code samples for "Get an organization secret"

`GET` /orgs/{org}/dependabot/secrets/{secret_name}

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/dependabot/secrets/SECRET_NAME
```

Response

Example response Response schema

Status: 200

```
{ "name": "NPM_TOKEN", "created_at": "2019-08-10T14:59:22Z", "updated_at": "2020-01-10T14:59:22Z", "visibility": "selected",
"selected_repositories_url": "https://HOSTNAME/orgs/octo-org/dependabot/secrets/NPM_TOKEN/repositories" }
```

Create or update an organization secret 🔗

✅ Works with [GitHub Apps](#)

Creates or updates an organization secret with an encrypted value. Encrypt your secret using [LibSodium](#). For more information, see "[Encrypting secrets for the REST API](#)."

You must authenticate using an access token with the `admin:org` scope to use this endpoint. GitHub Apps must have the `dependabot_secrets` organization permission to use this endpoint.

Parameters for "Create or update an organization secret"

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.

secret_name string Required

The name of the secret.

Body parameters

encrypted_value string

Value for your secret, encrypted with [LibSodium](#) using the public key retrieved from the [Get an organization public key](#) endpoint.

key_id string

ID of the key you used to encrypt the secret.

visibility string Required

Which type of organization repositories have access to the organization secret. `selected` means only the repositories specified by `selected_repository_ids` can access the secret.

Can be one of: `all` , `private` , `selected`

selected_repository_ids array of strings

An array of repository ids that can access the organization secret. You can only provide a list of repository ids when the `visibility` is set to `selected` . You can manage the list of selected repositories using the [List selected repositories for an organization secret](#), [Set selected repositories for an organization secret](#), and [Remove selected repository from an organization secret](#) endpoints.

HTTP response status codes for "Create or update an organization secret"

Status code	Description
`201`	Response when creating a secret
`204`	Response when updating a secret

Code samples for "Create or update an organization secret"

Example 1: Status Code 201 (application/json) ⇅

PUT /orgs/{org}/dependabot/secrets/{secret_name}

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/orgs/ORG/dependabot/secrets/SECRET_NAME \ -d
'{"encrypted_value":"c2VjcmV0","key_id":"012345678912345678","visibility":"selected","selected_repository_ids":
["1296269","1296280"]}'
```

Response when creating a secret

```
Status: 201
```

Delete an organization secret 🔗

✅ Works with [GitHub Apps](#)

Deletes a secret in an organization using the secret name. You must authenticate using an access token with the `admin:org` scope to use this endpoint. GitHub Apps must have the `dependabot_secrets` organization permission to use this endpoint.

Parameters for "Delete an organization secret"

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.

`secret_name` string Required

The name of the secret.

HTTP response status codes for "Delete an organization secret"

Status code	Description
`204`	No Content

Code samples for "Delete an organization secret"

`DELETE` `/orgs/{org}/dependabot/secrets/{secret_name}`

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/dependabot/secrets/SECRET_NAME
```

Response

```
Status: 204
```

List selected repositories for an organization secret 🔗

✅ Works with [GitHub Apps](#)

Lists all repositories that have been selected when the `visibility` for repository access to a secret is set to `selected`. You must authenticate using an access token with the `admin:org` scope to use this endpoint. GitHub Apps must have the `dependabot_secrets` organization permission to use this endpoint.

Parameters for "List selected repositories for an organization secret"

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.

`secret_name` string   Required

The name of the secret.

Query parameters

`page` integer

Page number of the results to fetch.

Default: `1`

`per_page` integer

The number of results per page (max 100).

Default: `30`

HTTP response status codes for "List selected repositories for an organization secret"

Status code	Description
`200`	OK

Code samples for "List selected repositories for an organization secret"

GET `/orgs/{org}/dependabot/secrets/{secret_name}/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/dependabot/secrets/SECRET_NAME/repositories
```

Response

Example response | Response schema

```
Status: 200
```

```
{ "total_count": 1, "repositories": [ { "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":
```

Set selected repositories for an organization secret 🔗

✔ Works with [GitHub Apps](#)

Replaces all repositories for an organization secret when the `visibility` for repository access is set to `selected`. The
visibility is set when you [Create or update an organization secret](#). You must authenticate using an access token with
the `admin:org` scope to use this endpoint. GitHub Apps must have the `dependabot_secrets` organization permission to
use this endpoint.

Parameters for "Set selected repositories for an organization secret"

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.

`secret_name` string Required

The name of the secret.

Body parameters

`selected_repository_ids` array of integers Required

An array of repository ids that can access the organization secret. You can only provide a list of repository ids when the `visibility` is
set to `selected`. You can add and remove individual repositories using the [Set selected repositories for an organization secret](#) and
[Remove selected repository from an organization secret](#) endpoints.

HTTP response status codes for "Set selected repositories for an organization secret"

Status code	Description
204	No Content

Code samples for "Set selected repositories for an organization secret"

PUT /orgs/{org}/dependabot/secrets/{secret_name}/repositories

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/orgs/ORG/dependabot/secrets/SECRET_NAME/repositories \ -d '{"selected_repository_ids":
[64780797]}'
```

Response

```
Status: 204
```

Add selected repository to an organization secret 🔗

✓ Works with [GitHub Apps](#)

Adds a repository to an organization secret when the `visibility` for repository access is set to `selected`. The visibility is set when you [Create or update an organization secret](#). You must authenticate using an access token with the `admin:org` scope to use this endpoint. GitHub Apps must have the `dependabot_secrets` organization permission to use this endpoint.

Parameters for "Add selected repository to an organization secret"

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.

`secret_name` string Required

The name of the secret.

`repository_id` integer Required

HTTP response status codes for "Add selected repository to an organization secret"

Status code	Description
204	No Content when repository was added to the selected list
409	Conflict when visibility type is not set to selected

Code samples for "Add selected repository to an organization secret"

PUT	/orgs/{org}/dependabot/secrets/{secret_name}/repositories/{repository_id}

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/orgs/ORG/dependabot/secrets/SECRET_NAME/repositories/REPOSITORY_ID
```

No Content when repository was added to the selected list

```
Status: 204
```

Remove selected repository from an organization secret 🔗

✅ Works with [GitHub Apps](#)

Removes a repository from an organization secret when the `visibility` for repository access is set to `selected`. The visibility is set when you [Create or update an organization secret](#). You must authenticate using an access token with the `admin:org` scope to use this endpoint. GitHub Apps must have the `dependabot_secrets` organization permission to use this endpoint.

Parameters for "Remove selected repository from an organization secret"

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.

`secret_name` string Required

The name of the secret.

`repository_id` integer Required

HTTP response status codes for "Remove selected repository from an organization secret"

Status code	Description
204	Response when repository was removed from the selected list
409	Conflict when visibility type not set to selected

Code samples for "Remove selected repository from an organization secret"

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/dependabot/secrets/SECRET_NAME/repositories/REPOSITORY_ID
```

Response when repository was removed from the selected list

```
Status: 204
```

List repository secrets 🔗

✔ Works with [GitHub Apps](#)

Lists all secrets available in a repository without revealing their encrypted values. You must authenticate using an access token with the `repo` scope to use this endpoint. GitHub Apps must have the `dependabot_secrets` repository permission to use this endpoint.

Parameters for "List repository secrets"

Headers

`accept` string

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

Path parameters

`owner` string Required

The account owner of the repository. The name is not case sensitive.

`repo` string Required

The name of the repository without the `.git` extension. 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`

HTTP response status codes for "List repository secrets"

Status code	Description
200	OK

Code samples for "List repository secrets"

GET /repos/{owner}/{repo}/dependabot/secrets

| 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/repos/OWNER/REPO/dependabot/secrets
```

Response

| Example response | Response schema |

Status: 200

```
{ "total_count": 2, "secrets": [ { "name": "AZURE_DEVOPS_PAT", "created_at": "2019-08-10T14:59:22Z", "updated_at": "2020-01-
10T14:59:22Z" }, { "name": "MY_ARTIFACTORY_PASSWORD", "created_at": "2020-01-10T10:59:22Z", "updated_at": "2020-01-11T11:59:22Z" } ]
}
```

Get a repository public key 🔗

✓ Works with [GitHub Apps](#)

Gets your public key, which you need to encrypt secrets. You need to encrypt a secret before you can create or update secrets. Anyone with read access to the repository can use this endpoint. If the repository is private you must use an access token with the `repo` scope. GitHub Apps must have the `dependabot_secrets` repository permission to use this endpoint.

Parameters for "Get a repository public key"

Headers

accept string

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

Path parameters

owner string   Required

The account owner of the repository. The name is not case sensitive.

repo string   Required

The name of the repository without the `.git` extension. The name is not case sensitive.

HTTP response status codes for "Get a repository public key"

Status code	Description
`200`	OK

Code samples for "Get a repository public key"

`GET` /repos/{owner}/{repo}/dependabot/secrets/public-key

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/repos/OWNER/REPO/dependabot/secrets/public-key
```

Response

Example response   Response schema

Status: 200

```
{ "key_id": "012345678912345678", "key": "2Sg8iYjAxxmI2LvUXpJjkYrMxURPc8r+dB7TJyvv1234" }
```

Get a repository secret 🔗

✅ Works with GitHub Apps

Gets a single repository secret without revealing its encrypted value. You must authenticate using an access token with the `repo` scope to use this endpoint. GitHub Apps must have the `dependabot_secrets` repository permission to use this endpoint.

Parameters for "Get a repository secret"

Headers

accept string

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

Path parameters

owner string Required

The account owner of the repository. The name is not case sensitive.

The account owner of the repository. The name is not case sensitive.

repo string Required

The name of the repository without the `.git` extension. The name is not case sensitive.

secret_name string Required

The name of the secret.

HTTP response status codes for "Get a repository secret"

Status code	Description
`200`	OK

Code samples for "Get a repository secret"

`GET` `/repos/{owner}/{repo}/dependabot/secrets/{secret_name}`

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/repos/OWNER/REPO/dependabot/secrets/SECRET_NAME
```

Response

Example response   Response schema

```
Status: 200
```

```
{ "name": "MY_ARTIFACTORY_PASSWORD", "created_at": "2019-08-10T14:59:22Z", "updated_at": "2020-01-10T14:59:22Z" }
```

Create or update a repository secret 🔗

✅ Works with [GitHub Apps](#)

Creates or updates a repository secret with an encrypted value. Encrypt your secret using [LibSodium](#). For more information, see "[Encrypting secrets for the REST API](#)."

You must authenticate using an access token with the `repo` scope to use this endpoint. GitHub Apps must have the `dependabot_secrets` repository permission to use this endpoint.

Parameters for "Create or update a repository secret"

Headers

accept string

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

Path parameters

`owner` string Required

The account owner of the repository. The name is not case sensitive.

`repo` string Required

The name of the repository without the `.git` extension. The name is not case sensitive.

`secret_name` string Required

The name of the secret.

Body parameters

`encrypted_value` string

Value for your secret, encrypted with [LibSodium](#) using the public key retrieved from the [Get a repository public key](#) endpoint.

`key_id` string

ID of the key you used to encrypt the secret.

HTTP response status codes for "Create or update a repository secret"

Status code	Description
`201`	Response when creating a secret
`204`	Response when updating a secret

Code samples for "Create or update a repository secret"

Example 1: Status Code 201 (application/json) ⇕

PUT `/repos/{owner}/{repo}/dependabot/secrets/{secret_name}`

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/repos/OWNER/REPO/dependabot/secrets/SECRET_NAME \ -d
'{"encrypted_value":"c2VjcmV0","key_id":"012345678912345678"}'
```

Response when creating a secret

Example response   Response schema

Status: 201

Delete a repository secret 🔗

✓ Works with [GitHub Apps](#)

Deletes a secret in a repository using the secret name. You must authenticate using an access token with the `repo` scope to use this endpoint. GitHub Apps must have the `dependabot_secrets` repository permission to use this endpoint.

Parameters for "Delete a repository secret"

Headers

accept string

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

Path parameters

owner string   Required

The account owner of the repository. The name is not case sensitive.

repo string   Required

The name of the repository without the `.git` extension. The name is not case sensitive.

secret_name string   Required

The name of the secret.

HTTP response status codes for "Delete a repository secret"

Status code	Description
204	No Content

Code samples for "Delete a repository secret"

DELETE /repos/{owner}/{repo}/dependabot/secrets/{secret_name}

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/repos/OWNER/REPO/dependabot/secrets/SECRET_NAME
```

Response

```
Status: 204
```

Legal