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

Codespaces organization secrets

Use the REST API to manage your organization-level Codespaces secrets.

Note: These endpoints are currently in public beta and subject to change.

List organization secrets 🔗

Lists all Codespaces secrets available at the organization-level without revealing their encrypted values. You must authenticate using an access token with the `admin:org` scope 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}/codespaces/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"
\ https://api.github.com/orgs/ORG/codespaces/secrets
```

Response

Example response   Response schema

```
Status: 200
```

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

Get an organization public key 🔗

Gets a public key for an organization, which is required in order to encrypt secrets. You need to encrypt the value of 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.

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}/codespaces/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"
\ https://api.github.com/orgs/ORG/codespaces/secrets/public-key
```

Response

Example response   Response schema

```
Status: 200
```

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

Get an organization secret ⧉

Gets an organization secret without revealing its encrypted value. You must authenticate using an access token with the `admin:org` scope 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}/codespaces/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"
\ https://api.github.com/orgs/ORG/codespaces/secrets/SECRET_NAME
```

Response

Example response   Response schema

Status: 200

{ "name": "GH_TOKEN", "created_at": "2019-08-10T14:59:22Z", "updated_at": "2020-01-10T14:59:22Z", "visibility": "all" }

Create or update an organization secret ⧉

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.

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

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

`key_id`   string

The 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 integers

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
`404`	Resource not found
`422`	Validation failed, or the endpoint has been spammed.

Code samples for "Create or update an organization secret"

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

PUT `/orgs/{org}/codespaces/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" \ https://api.github.com/orgs/ORG/codespaces/secrets/SECRET_NAME \ -d
'{"encrypted_value":"c2VjcmV0","key_id":"012345678912345678","visibility":"selected","selected_repository_ids":[1296269,1296280]}'
```

Response when creating a secret

Example response   Response schema

```
Status: 201
```

Delete an organization secret 🔗

Deletes an organization secret using the secret name. You must authenticate using an access token with the `admin:org` scope 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
`404`	Resource not found

Code samples for "Delete an organization secret"

DELETE `/orgs/{org}/codespaces/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" \ https://api.github.com/orgs/ORG/codespaces/secrets/SECRET_NAME
```

Response

```
Status: 204
```

List selected repositories for an organization secret 🔗

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.

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
`404`	Resource not found

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

GET `/orgs/{org}/codespaces/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"
\ https://api.github.com/orgs/ORG/codespaces/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://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":
```

Set selected repositories for an organization secret 🔗

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.

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
404	Resource not found
409	Conflict when visibility type not set to selected

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

> **PUT** `/orgs/{org}/codespaces/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" \ https://api.github.com/orgs/ORG/codespaces/secrets/SECRET_NAME/repositories \ -d '{"selected_repository_ids":
[64780797]}'
```

Response

```
Status: 204
```

Add selected repository to an organization secret 🔗

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.

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
404	Resource not found
409	Conflict when visibility type is not set to selected
422	Validation failed, or the endpoint has been spammed.

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

PUT /orgs/{org}/codespaces/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" \ https://api.github.com/orgs/ORG/codespaces/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 🔗

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.

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
404	Resource not found
409	Conflict when visibility type not set to selected
422	Validation failed, or the endpoint has been spammed.

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

`DELETE` /orgs/{org}/codespaces/secrets/{secret_name}/repositories/{repository_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" \ https://api.github.com/orgs/ORG/codespaces/secrets/SECRET_NAME/repositories/REPOSITORY_ID
```

Response when repository was removed from the selected list

```
Status: 204
```