

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

Deploy keys

Use the REST API to create and manage deploy keys.

About deploy keys

You can launch projects from a repository on your GitHub Enterprise Server instance to your server by using a deploy key, which is an SSH key that grants access to a single repository. GitHub Enterprise Server attaches the public part of the key directly to your repository instead of a personal account, and the private part of the key remains on your server. For more information, see "[Delivering deployments](#)."

Deploy keys can either be set up using the following API endpoints, or by using GitHub. To learn how to set deploy keys up in GitHub, see "[Managing deploy keys](#)."

List deploy keys

✔ Works with [GitHub Apps](#)

Parameters for "List deploy keys"

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 deploy keys"

Status code	Description
200	OK

Code samples for "List deploy keys"

GET

/repos/{owner}/{repo}/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/repos/OWNER/REPO/keys
```

Response

Example response

Response schema

Status: 200

```
[ { "id": 1, "key": "ssh-rsa AAA...", "url": "https://HOSTNAME/repos/octocat/Hello-World/keys/1", "title": "octocat@octomac", "verified": true, "created_at": "2014-12-10T15:53:42Z", "read_only": true, "added_by": "octocat", "last_used": "2022-01-10T15:53:42Z" } ]
```

Create a deploy key

✔ Works with [GitHub Apps](#)

You can create a read-only deploy key.

Parameters for "Create a deploy 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

`repo` string **Required**

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

Body parameters

`title` string

A name for the key.

`key` string **Required**

The contents of the key.

`read_only` boolean

If `true`, the key will only be able to read repository contents. Otherwise, the key will be able to read and write. Deploy keys with write access can perform the same actions as an organization member with admin access, or a collaborator on a personal repository. For more information, see "[Repository permission levels for an organization](#)" and "[Permission levels for a user account repository](#)."

HTTP response status codes for "Create a deploy key"

Status code	Description
201	Created
422	Validation failed, or the endpoint has been spammed.

Code samples for "Create a deploy key"

POST /repos/{owner}/{repo}/keys

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/repos/OWNER/REPO/keys \ -d '{"title":"octocat@octomac","key":"ssh-rsa AAA...", "read_only":true}'
```

Response

Example response Response schema

Status: 201

```
{ "id": 1, "key": "ssh-rsa AAA...", "url": "https://HOSTNAME/repos/octocat/Hello-World/keys/1", "title": "octocat@octomac", "verified": true, "created_at": "2014-12-10T15:53:42Z", "read_only": true, "added_by": "octocat", "last_used": "2022-01-10T15:53:42Z" }
```

Get a deploy key

✔ Works with [GitHub Apps](#)

Parameters for "Get a deploy 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.

key_id integer **Required**
The unique identifier of the key.

HTTP response status codes for "Get a deploy key"

Status code	Description
200	OK
404	Resource not found


Code samples for "Get a deploy key"

GET /repos/{owner}/{repo}/keys/{key_id}

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/keys/KEY_ID
```

Response

Example response

Response schema

Status: 200

```
{ "id": 1, "key": "ssh-rsa AAA...", "url": "https://HOSTNAME/repos/octocat/Hello-World/keys/1", "title": "octocat@octomac", "verified": true, "created_at": "2014-12-10T15:53:42Z", "read_only": true, "added_by": "octocat", "last_used": "2022-01-10T15:53:42Z" }
```

Delete a deploy key

✔ Works with [GitHub Apps](#)

Deploy keys are immutable. If you need to update a key, remove the key and create a new one instead.

Parameters for "Delete a deploy 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.

key_id integer **Required**

The unique identifier of the key.

HTTP response status codes for "Delete a deploy key"

Status code	Description
204	No Content

Code samples for "Delete a deploy key"

DELETE

`/repos/{owner}/{repo}/keys/{key_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/repos/OWNER/REPO/keys/KEY_ID
```

Response

Status: 204

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