

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

Organization webhooks

Use the REST API to interact with webhooks in an organization.

About organization webhooks

Organization webhooks allow your server to receive HTTP `POST` payloads whenever certain events happen in an organization. For more information, see "[Webhooks documentation](#)."

Scopes and restrictions

You must be an organization owner to use these endpoints. OAuth tokens require the `admin:org_hook` scope to use these endpoints.

In order to protect sensitive data which may be present in webhook configurations, we also enforce the following access control rules:

- OAuth apps cannot list, view, or edit webhooks which they did not create.
- Users cannot list, view, or edit webhooks which were created by OAuth apps.

List organization webhooks

✔ Works with [GitHub Apps](#)

Parameters for "List organization webhooks"

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`

Default: 1

page integer

Page number of the results to fetch.

Default: 1

HTTP response status codes for "List organization webhooks"

Status code	Description
200	OK
404	Resource not found

Code samples for "List organization webhooks"

GET /orgs/{org}/hooks

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/hooks
```

Response

Example response

Response schema

Status: 200

```
[ { "id": 1, "url": "https://api.github.com/orgs/octocat/hooks/1", "ping_url": "https://api.github.com/orgs/octocat/hooks/1/pings", "deliveries_url": "https://api.github.com/orgs/octocat/hooks/1/deliveries", "name": "web", "events": [ "push", "pull_request" ], "active": true, "config": { "url": "http://example.com", "content_type": "json" }, "updated_at": "2011-09-06T20:39:23Z", "created_at": "2011-09-06T17:26:27Z", "type": "Organization" } ]
```

Create an organization webhook [↗](#)

✔ Works with [GitHub Apps](#)

Here's how you can create a hook that posts payloads in JSON format:

Parameters for "Create an organization webhook"

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

name string **Required**

Must be passed as "web".

config object **Required**

Key/value pairs to provide settings for this webhook.

► Properties of **config**

events array of strings

Determines what [events](#) the hook is triggered for. Set to `["*"]` to receive all possible events.

Default: `["push"]`

active boolean

Determines if notifications are sent when the webhook is triggered. Set to `true` to send notifications.

Default: `true`

HTTP response status codes for "Create an organization webhook"

Status code	Description
201	Created
404	Resource not found
422	Validation failed, or the endpoint has been spammed.

Code samples for "Create an organization webhook"

POST /orgs/{org}/hooks

cURL JavaScript



```
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/hooks \ -d '{"name":"web","active":true,"events":["push","pull_request"],"config":{"url":"http://example.com/webhook","content_type":"json"}}'
```

Response

Example response Response schema

Status: 201

```
{ "id": 1, "url": "https://api.github.com/orgs/octocat/hooks/1", "ping_url": "https://api.github.com/orgs/octocat/hooks/1/pings", "deliveries_url": "https://api.github.com/orgs/octocat/hooks/1/deliveries", "name": "web", "events": [ "push", "pull_request" ], "active": true, "config": { "url": "http://example.com", "content_type": "json" }, "updated_at": "2011-09-06T20:39:23Z", "created_at": "2011-09-06T17:26:27Z", "type": "Organization" }
```

Get an organization webhook

✔ Works with [GitHub Apps](#)

Returns a webhook configured in an organization. To get only the webhook `config` properties, see "[Get a webhook configuration for an organization](#)."

Parameters for "Get an organization webhook"

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.

hook_id integer **Required**
The unique identifier of the hook. You can find this value in the `X-GitHub-Hook-ID` header of a webhook delivery.

HTTP response status codes for "Get an organization webhook"

Status code	Description
200	OK
404	Resource not found

Code samples for "Get an organization webhook"

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

Response

Example response

Response schema

Status: 200

```
{ "id": 1, "url": "https://api.github.com/orgs/octocat/hooks/1", "ping_url": "https://api.github.com/orgs/octocat/hooks/1/pings", "deliveries_url": "https://api.github.com/orgs/octocat/hooks/1/deliveries", "name": "web", "events": [ "push", "pull_request" ],
```

```
"active": true, "config": { "url": "http://example.com", "content_type": "json" }, "updated_at": "2011-09-06T20:39:23Z",
"created_at": "2011-09-06T17:26:27Z", "type": "Organization" }
```

Update an organization webhook

✔ Works with [GitHub Apps](#)

Updates a webhook configured in an organization. When you update a webhook, the `secret` will be overwritten. If you previously had a `secret` set, you must provide the same `secret` or set a new `secret` or the secret will be removed. If you are only updating individual webhook `config` properties, use "[Update a webhook configuration for an organization](#)."

Parameters for "Update an organization webhook"

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.

hook_id integer **Required**
The unique identifier of the hook. You can find this value in the `X-GitHub-Hook-ID` header of a webhook delivery.

Body parameters

config object
Key/value pairs to provide settings for this webhook.

► Properties of `config`

events array of strings
Determines what [events](#) the hook is triggered for.
Default: `["push"]`

active boolean
Determines if notifications are sent when the webhook is triggered. Set to `true` to send notifications.
Default: `true`

name string

HTTP response status codes for "Update an organization webhook"

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

Code samples for "Update an organization webhook"

PATCH /orgs/{org}/hooks/{hook_id}

cURL

JavaScript

GitHub CLI

```
curl -L \ -X PATCH \ -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/hooks/HOOK_ID \ -d '{"active":true,"events":["pull_request"]}'
```

Response

Example response

Response schema

Status: 200

```
{ "id": 1, "url": "https://api.github.com/orgs/octocat/hooks/1", "ping_url": "https://api.github.com/orgs/octocat/hooks/1/pings", "deliveries_url": "https://api.github.com/repos/octocat/Hello-World/hooks/12345678/deliveries", "name": "web", "events": [ "pull_request" ], "active": true, "config": { "url": "http://example.com", "content_type": "json" }, "updated_at": "2011-09-06T20:39:23Z", "created_at": "2011-09-06T17:26:27Z", "type": "Organization" }
```

Delete an organization webhook

✔ Works with [GitHub Apps](#)

Parameters for "Delete an organization webhook"

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.

hook id integer **Required**

The unique identifier of the hook. You can find this value in the `X-GitHub-Hook-ID` header of a webhook delivery.

HTTP response status codes for "Delete an organization webhook"

Status code	Description
204	No Content
404	Resource not found

Code samples for "Delete an organization webhook"

DELETE

/orgs/{org}/hooks/{hook_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/hooks/HOOK_ID
```

Response

Status: 204

Get a webhook configuration for an organization

✔ Works with [GitHub Apps](#)

Returns the webhook configuration for an organization. To get more information about the webhook, including the `active` state and `events`, use "[Get an organization webhook](#)."

Access tokens must have the `admin:org_hook` scope, and GitHub Apps must have the `organization_hooks:read` permission.

Parameters for "Get a webhook configuration for an organization"

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.

hook_id integer **Required**

The unique identifier of the hook. You can find this value in the `X-GitHub-Hook-ID` header of a webhook delivery.

HTTP response status codes for "Get a webhook configuration for an organization"

Status code	Description
200	OK

Code samples for "Get a webhook configuration for an organization"

GET

/orgs/{org}/hooks/{hook_id}/config

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/hooks/HOOK_ID/config
```

Response

Example response

Response schema

Status: 200

```
{ "content_type": "json", "insecure_ssl": "0", "secret": "*****", "url": "https://example.com/webhook" }
```

Update a webhook configuration for an organization

✔ Works with [GitHub Apps](#)

Updates the webhook configuration for an organization. To update more information about the webhook, including the `active` state and `events`, use "[Update an organization webhook](#)."

Access tokens must have the `admin:org_hook` scope, and GitHub Apps must have the `organization_hooks:write` permission.

Parameters for "Update a webhook configuration for an organization"

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.

hook_id integer **Required**

The unique identifier of the hook. You can find this value in the `X-GitHub-Hook-ID` header of a webhook delivery.

Body parameters

url string

The URL to which the payloads will be delivered.

content_type string

The media type used to serialize the payloads. Supported values include `json` and `form`. The default is `form`.

secret string

If provided, the `secret` will be used as the `key` to generate the HMAC hex digest value for [delivery signature headers](#).

insecure_ssl string or number

Determines whether the SSL certificate of the host for `url` will be verified when delivering payloads. Supported values include `0` (verification is performed) and `1` (verification is not performed). The default is `0`. **We strongly recommend not setting this to `1` as you are subject to man-in-the-middle and other attacks.**

HTTP response status codes for "Update a webhook configuration for an organization"

Status code	Description
200	OK

Code samples for "Update a webhook configuration for an organization"

PATCH /orgs/{org}/hooks/{hook_id}/config

cURL

JavaScript

GitHub CLI

```
curl -L \ -X PATCH \ -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/hooks/HOOK_ID/config \ -d '{"url":"http://example.com/webhook","content_type":"json","insecure_ssl":"0","secret":"*****"}'
```

Response

Example response

Response schema

Status: 200

```
{ "content_type": "json", "insecure_ssl": "0", "secret": "*****", "url": "https://example.com/webhook" }
```

List deliveries for an organization webhook

✔ Works with [GitHub Apps](#)

Returns a list of webhook deliveries for a webhook configured in an organization.

Parameters for "List deliveries for an organization webhook"

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.

hook_id integer **Required**
The unique identifier of the hook. You can find this value in the `X-GitHub-Hook-ID` header of a webhook delivery.

Query parameters

per_page integer
The number of results per page (max 100).
Default: `30`

cursor string
Used for pagination: the starting delivery from which the page of deliveries is fetched. Refer to the `link` header for the next and previous page cursors.

redelivery boolean

HTTP response status codes for "List deliveries for an organization webhook"

Status code	Description
200	OK
400	Bad Request
422	Validation failed, or the endpoint has been spammed.

Code samples for "List deliveries for an organization webhook"


GET

`/orgs/{org}/hooks/{hook_id}/deliveries`

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/hooks/HOOK_ID/deliveries
```

Response

Example responseResponse schema

Status: 200

[{ "id": 12345678, "guid": "0b989ba4-242f-11e5-81e1-c7b6966d2516", "delivered_at": "2019-06-03T00:57:16Z", "redelivery": false, "duration": 0.27, "status": "OK", "status_code": 200, "event": "issues", "action": "opened", "installation_id": 123, "repository_id": 456 }, { "id": 123456789, "guid": "0b989ba4-242f-11e5-81e1-c7b6966d2516", "delivered_at": "2019-06-04T00:57:16Z", "redelivery": true, "duration": 0.28, "status": "OK", "status_code": 200, "event": "issues", "action": "opened", "installation_id": 123, "repository_id": 456 }]

Get a webhook delivery for an organization webhook

✔ Works with [GitHub Apps](#)

Returns a delivery for a webhook configured in an organization.

Parameters for "Get a webhook delivery for an organization webhook"

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.

hook_id integer **Required**
The unique identifier of the hook. You can find this value in the `X-GitHub-Hook-ID` header of a webhook delivery.

delivery_id integer **Required**

HTTP response status codes for "Get a webhook delivery for an organization webhook"

Status code	Description
200	OK
400	Bad Request
422	Validation failed, or the endpoint has been spammed.

Code samples for "Get a webhook delivery for an organization webhook"

```
GET /orgs/{org}/hooks/{hook_id}/deliveries/{delivery_id}
```

GET

/orgs/{org}/hooks/{hook_id}/deliveries/{delivery_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" \ https://api.github.com/orgs/ORG/hooks/HOOK_ID/deliveries/DELIVERY_ID
```

Response

Example response

Response schema

Status: 200

```
{ "id": 12345678, "guid": "0b989ba4-242f-11e5-81e1-c7b6966d2516", "delivered_at": "2019-06-03T00:57:16Z", "redelivery": false, "duration": 0.27, "status": "OK", "status_code": 200, "event": "issues", "action": "opened", "installation_id": 123, "repository_id": 456, "url": "https://www.example.com", "request": { "headers": { "X-GitHub-Delivery": "0b989ba4-242f-11e5-81e1-c7b6966d2516", "X-Hub-Signature-256": "sha256=6dcb09b5b57875f334f61aebd695e2e4193db5e", "Accept": "*/*", "X-GitHub-Hook-ID": "42", "User-Agent": "GitHub-Hookshot/b8c71d8", "X-GitHub-Event": "issues", "X-GitHub-Hook-Installation-Target-ID": "123", "X-GitHub-Hook-Installation-Target-Type": "repository", "content-type": "application/json", "X-Hub-Signature":
```

Redeliver a delivery for an organization webhook

Works with [GitHub Apps](#)

Redeliver a delivery for a webhook configured in an organization.

Parameters for "Redeliver a delivery for an organization webhook"

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.

hook_id integer **Required**
The unique identifier of the hook. You can find this value in the `X-GitHub-Hook-ID` header of a webhook delivery.

delivery_id integer **Required**

HTTP response status codes for "Redeliver a delivery for an organization webhook"

Status code	Description
202	Accepted
400	Bad Request
422	Validation failed, or the endpoint has been spammed.

Code samples for "Redeliver a delivery for an organization webhook"

POST

/orgs/{org}/hooks/{hook_id}/deliveries/{delivery_id}/attempts

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/hooks/HOOK_ID/deliveries/DELIVERY_ID/attempts
```

Accepted

Example response

Response schema

Status: 202

Ping an organization webhook

Works with [GitHub Apps](#)

This will trigger a [ping event](#) to be sent to the hook.

Parameters for "Ping an organization webhook"

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.

hook_id integer **Required**
The unique identifier of the hook. You can find this value in the `X-GitHub-Hook-ID` header of a webhook delivery.

HTTP response status codes for "Ping an organization webhook"

Status code	Description
204	No Content
404	Resource not found

Code samples for "Ping an organization webhook"

POST

/orgs/{org}/hooks/{hook_id}/pings

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/hooks/H00K_ID/pings
```

Response

Status: 204

Legal