

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

# Organization Pre-receive Hooks

Use the REST API to view and modify enforcement of the pre-receive hooks that are available to an organization.

## About organization pre-receive hooks [↗](#)

These endpoints only support authentication using a personal access token (classic). For more information, see "[Managing your personal access tokens](#)."

### Object attributes [↗](#)

Name	Type	Description
name	string	The name of the hook.
enforcement	string	The state of enforcement for the hook on this repository.
allow_downstream_configuration	boolean	Whether repositories can override enforcement.
configuration_url	string	URL for the endpoint where enforcement is set.

Possible values for `enforcement` are `enabled`, `disabled` and `testing`. `disabled` indicates the pre-receive hook will not run. `enabled` indicates it will run and reject any pushes that result in a non-zero status. `testing` means the script will run but will not cause any pushes to be rejected.

`configuration_url` may be a link to this endpoint or this hook's global configuration. Only site admins are able to access the global configuration.

## List pre-receive hooks for an organization [↗](#)

✔ Works with [GitHub Apps](#)

List all pre-receive hooks that are enabled or testing for this organization as well as any disabled hooks that can be configured at the organization level. Globally disabled pre-receive hooks that do not allow downstream configuration are not listed.

### Parameters for "List pre-receive hooks 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.

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`

**direction** string

The direction to sort the results by.

Default: `desc`

Can be one of: `asc` , `desc`

**sort** string

The sort order for the response collection.

Default: `created`

Can be one of: `created` , `updated` , `name`

HTTP response status codes for "List pre-receive hooks for an organization"

Status code	Description
<code>200</code>	OK

Code samples for "List pre-receive hooks for an organization"

GET

/orgs/{org}/pre-receive-hooks

cURLJavaScriptGitHub 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/pre-receive-hooks

Response

Example responseResponse schema

Status: 200

[ { "id": 42, "name": "Check Commits", "enforcement": "disabled", "configuration\_url": "https://github.example.com/api/v3/admin/pre-

```
receive-hooks/42", "allow_downstream_configuration": true } }
```

## Get a pre-receive hook for an organization

✔ Works with [GitHub Apps](#)

### Parameters for "Get a pre-receive hook 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.

**pre\_receive\_hook\_id** integer **Required**

The unique identifier of the pre-receive hook.

### HTTP response status codes for "Get a pre-receive hook for an organization"

Status code	Description
200	OK

### Code samples for "Get a pre-receive hook for an organization"


GET

/orgs/{org}/pre-receive-hooks/{pre\_receive\_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" \ http(s)://HOSTNAME/api/v3/orgs/ORG/pre-receive-hooks/PRE_RECEIVE_HOOK_ID
```

### Response

Example response

Response schema

Status: 200

```
{ "id": 42, "name": "Check Commits", "enforcement": "disabled", "configuration_url": "https://github.example.com/api/v3/admin/pre-receive-hooks/42", "allow_downstream_configuration": true }
```

# Update pre-receive hook enforcement for an organization

✔ Works with [GitHub Apps](#)

For pre-receive hooks which are allowed to be configured at the org level, you can set `enforcement` and `allow_downstream_configuration`

## Parameters for "Update pre-receive hook enforcement 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.

`pre_receive_hook_id` integer **Required**  
The unique identifier of the pre-receive hook.

### Body parameters

`enforcement` string  
The state of enforcement for the hook on this repository.

`allow_downstream_configuration` boolean  
Whether repositories can override enforcement.

## HTTP response status codes for "Update pre-receive hook enforcement for an organization"

Status code	Description
200	OK

## Code samples for "Update pre-receive hook enforcement for an organization"

`PATCH` `/orgs/{org}/pre-receive-hooks/{pre_receive_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" \ http(s)://HOSTNAME/api/v3/orgs/ORG/pre-receive-hooks/PRE_RECEIVE_HOOK_ID \ -d '{"enforcement":"enabled","allow_downstream_configuration":false}'
```

Response

Example response

Response schema

Status: 200

```
{ "id": 42, "name": "Check Commits", "enforcement": "enabled", "configuration_url": "https://github.example.com/api/v3/orgs/octocat/pre-receive-hooks/42", "allow_downstream_configuration": false }
```

## Remove pre-receive hook enforcement for an organization

✔ Works with [GitHub Apps](#)

Removes any overrides for this hook at the org level for this org.

### Parameters for "Remove pre-receive hook enforcement 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.

**pre\_receive\_hook\_id** integer **Required**  
The unique identifier of the pre-receive hook.

### HTTP response status codes for "Remove pre-receive hook enforcement for an organization"

Status code	Description
200	OK

### Code samples for "Remove pre-receive hook enforcement for an organization"


DELETE

`/orgs/{org}/pre-receive-hooks/{pre_receive_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" \ http(s)://HOSTNAME/api/v3/orgs/ORG/pre-receive-hooks/PRE_RECEIVE_HOOK_ID
```

Response

Example response	Response schema
Status: 200	
<pre>{ "id": 42, "name": "Check Commits", "enforcement": "disabled", "configuration_url": "https://github.example.com/api/v3/admin/pre-receive-hooks/42", "allow_downstream_configuration": true }</pre>	

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