

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

Rules

Use the REST API to manage rulesets for organizations. Organization rulesets control how people can interact with selected branches and tags in repositories in an organization.

Get all organization repository rulesets [↗](#)

✔ Works with [GitHub Apps](#)

Get all the repository rulesets for an organization.

Parameters for "Get all organization repository rulesets"

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 "Get all organization repository rulesets"

Status code	Description
200	OK
404	Resource not found

Code samples for "Get all organization repository rulesets"

GET

/orgs/{org}/rulesets

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/rulesets
```

Response

Example response

Response schema

Status: 200

```
[ { "id": 21, "name": "super cool ruleset", "source_type": "Organization", "source": "my-org", "enforcement": "enabled",
"node_id": "RRS_lACkVXNlcgQB", "_links": { "self": { "href": "https://api.github.com/orgs/my-org/rulesets/21" }, "html": { "href":
"https://github.com/organizations/my-org/settings/rules/21" } }, "created_at": "2023-07-15T08:43:03Z", "updated_at": "2023-08-
23T16:29:47Z" }, { "id": 432, "name": "Another ruleset", "source_type": "Organization", "source": "my-org", "enforcement":
"enabled", "node_id": "RRS_lACkVXNlcgQQ", "_links": { "self": { "href": "https://api.github.com/orgs/my-org/rulesets/432" },
"html": { "href": "https://github.com/organizations/my-org/settings/rules/432" } }, "created_at": "2023-08-15T08:43:03Z",
```

Create an organization repository ruleset

✔ Works with [GitHub Apps](#)

Create a repository ruleset for an organization.

Parameters for "Create an organization repository ruleset"

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

The name of the ruleset.

target

string

The target of the ruleset.

Can be one of: `branch` , `tag`

enforcement `string` Required

The enforcement level of the ruleset. `evaluate` allows admins to test rules before enforcing them. Admins can view insights on the Rule Insights page.

Can be one of: `disabled` , `active` , `evaluate`

bypass_actors `array of objects`

The actors that can bypass the rules in this ruleset

► Properties of `bypass_actors`

conditions `object`

Conditions for an organization ruleset. The conditions object should contain both `repository_name` and `ref_name` properties or both `repository_id` and `ref_name` properties.

► Can be one of these objects:

rules `array of objects`

An array of rules within the ruleset.

► Can be one of these objects:

HTTP response status codes for "Create an organization repository ruleset"

Status code	Description
201	Created
404	Resource not found
500	Internal Error

Code samples for "Create an organization repository ruleset"

POST

/orgs/{org}/rulesets

cURL

JavaScript

Copy icon

```
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/rulesets \ -d '{"name":"super cool ruleset","target":"branch","enforcement":"active","bypass_actors":[{"actor_id":234,"actor_type":"Team","bypass_mode":"always"}],"conditions":{"ref_name":{"include":["refs/heads/main","refs/heads/master"],"exclude":["refs/heads/dev*"]},"repository_name":{"include":["important_repository","another_important_repository"],"exclude":["unimportant_repository"],"protected":true}},"rules":
```

Response

Example response

Response schema

Status: 201

```
{ "id": 21, "name": "super cool ruleset", "target": "branch", "source_type": "Organization", "source": "my-org", "enforcement": "active", "bypass_actors": [ { "actor_id": 234, "actor_type": "Team", "bypass_mode": "always" } ], "conditions": { "ref_name": { "include": [ "refs/heads/main", "refs/heads/master" ], "exclude": [ "refs/heads/dev*" ] }, "repository_name": { "include": [ "important repository", "another important repository" ], "exclude": [ "unimportant repository" ], "protected": true } }, "rules":
```

```
[ { "type": "commit_author_email_pattern", "parameters": { "operator": "contains", "pattern": "github" } } ], "node_id": "RRS_LACKVXNlcgQB", "_links": { "self": { "href": "https://api.github.com/orgs/my-org/rulesets/21" }, "html": { "href":
```

Get an organization repository ruleset

✔ Works with [GitHub Apps](#)

Get a repository ruleset for an organization.

Parameters for "Get an organization repository ruleset"

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.

ruleset_id integer **Required**
The ID of the ruleset.

HTTP response status codes for "Get an organization repository ruleset"

Status code	Description
200	OK
404	Resource not found
500	Internal Error


Code samples for "Get an organization repository ruleset"

GET /orgs/{org}/rulesets/{ruleset_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/rulesets/RULESET_ID
```

Response

Example response

Response schema

Status: 200

```
{ "id": 21, "name": "super cool ruleset", "target": "branch", "source_type": "Organization", "source": "my-org", "enforcement": "active", "bypass_actors": [ { "actor_id": 234, "actor_type": "Team", "bypass_mode": "always" } ], "conditions": { "ref_name": { "include": [ "refs/heads/main", "refs/heads/master" ], "exclude": [ "refs/heads/dev*" ] }, "repository_name": { "include": [ "important_repository", "another_important_repository" ], "exclude": [ "unimportant_repository" ], "protected": true } }, "rules": [ { "type": "commit_author_email_pattern", "parameters": { "operator": "contains", "pattern": "github" } } ], "node_id": "RRS_lAckVXNlcgQB", "_links": { "self": { "href": "https://api.github.com/orgs/my-org/rulesets/21" }, "html": { "href":
```

Update an organization repository ruleset

✔ Works with [GitHub Apps](#)

Update a ruleset for an organization.

Parameters for "Update an organization repository ruleset"

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.

ruleset_id integer **Required**
The ID of the ruleset.

Body parameters

name string
The name of the ruleset.

target string
The target of the ruleset.
Can be one of: `branch` , `tag`

enforcement string
The enforcement level of the ruleset. `evaluate` allows admins to test rules before enforcing them. Admins can view insights on the Rule Insights page.
Can be one of: `disabled` , `active` , `evaluate`

bypass_actors array of objects
The actors that can bypass the rules in this ruleset

► Properties of `bypass_actors`

conditions object

Conditions for an organization ruleset. The conditions object should contain both `repository_name` and `ref_name` properties or both

conditions for an organization ruleset. The conditions object should contain both `repository_name` and `ref_name` properties on each `repository_id` and `ref_name` properties.

► Can be one of these objects:

rules array of objects

An array of rules within the ruleset.

► Can be one of these objects:

HTTP response status codes for "Update an organization repository ruleset"

Status code	Description
200	OK
404	Resource not found
500	Internal Error

Code samples for "Update an organization repository ruleset"

PUT

/orgs/{org}/rulesets/{ruleset_id}

cURL

JavaScript



```
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/rulesets/RULESET_ID \ -d '{"name":"super cool ruleset","target":"branch","enforcement":"active","bypass_actors":[{"actor_id":234,"actor_type":"Team","bypass_mode":"always"}],"conditions":{"ref_name":{"include":["refs/heads/main","refs/heads/master"],"exclude":["refs/heads/dev*"]},"repository_name":{"include":["important_repository","another_important_repository"],"exclude":["unimportant_repository"],"protected":true}},"rules":
```

Response

Example response

Response schema

Status: 200

```
{ "id": 21, "name": "super cool ruleset", "target": "branch", "source_type": "Organization", "source": "my-org", "enforcement": "active", "bypass_actors": [ { "actor_id": 234, "actor_type": "Team", "bypass_mode": "always" } ], "conditions": { "ref_name": { "include": [ "refs/heads/main", "refs/heads/master" ], "exclude": [ "refs/heads/dev*" ] }, "repository_name": { "include": [ "important_repository", "another_important_repository" ], "exclude": [ "unimportant_repository" ], "protected": true } }, "rules": [ { "type": "commit_author_email_pattern", "parameters": { "operator": "contains", "pattern": "github" } } ], "node_id": "RRS_lACKvXNlcgQB", "_links": { "self": { "href": "https://api.github.com/orgs/my-org/rulesets/21" }, "html": { "href":
```

Delete an organization repository ruleset

✔ Works with [GitHub Apps](#)

Delete a ruleset for an organization.

Parameters for "Delete an organization repository ruleset"

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.

ruleset_id integer **Required**

The ID of the ruleset.

HTTP response status codes for "Delete an organization repository ruleset"

Status code	Description
204	No Content
404	Resource not found
500	Internal Error

Code samples for "Delete an organization repository ruleset"

DELETE

`/orgs/{org}/rulesets/{ruleset_id}`

cURLJavaScriptGitHub 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/rulesets/RULESET_ID

Response

Status: 204