

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

# Protection rules

Use the REST API to create, configure, and delete deployment protection rules.

## Get all deployment protection rules for an environment [↗](#)

✔ Works with [GitHub Apps](#)

Gets all custom deployment protection rules that are enabled for an environment. Anyone with read access to the repository can use this endpoint. If the repository is private and you want to use a personal access token (classic), you must use an access token with the `repo` scope. GitHub Apps and fine-grained personal access tokens must have the `actions:read` permission to use this endpoint. For more information about environments, see "[Using environments for deployment](#)."

For more information about the app that is providing this custom deployment rule, see the [documentation for the GET /apps/{app\\_slug} endpoint](#).

### Parameters for "Get all deployment protection rules for an environment"

#### Headers

**accept** string  
Setting to `application/vnd.github+json` is recommended.

#### Path parameters

**environment\_name** string **Required**  
The name of the environment.

**repo** string **Required**  
The name of the repository without the `.git` extension. The name is not case sensitive.

**owner** string **Required**  
The account owner of the repository. The name is not case sensitive.

### HTTP response status codes for "Get all deployment protection rules for an environment"

Status code	Description
200	List of deployment protection rules

### Code samples for "Get all deployment protection rules for an environment"

```
curl -X GET https://api.github.com/repos/{owner}/{repo}/environments/{environment_name}/deployment-protection-rules
```

GET

/repos/{owner}/{repo}/environments/{environment\_name}/deployment\_protection\_rules

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/environments/ENVIRONMENT_NAME/deployment_protection_rules
```

List of deployment protection rules

Example response

Response schema

Status: 200

```
{ "total_count": 2, "custom_deployment_protection_rules": [ { "id": 3, "node_id": "IEH37kRlcGxveW1lbnRTdGF0ddiv", "enabled": true, "app": { "id": 1, "node_id": "GHT58kRlcGxveW1lbnRTdTY!bbcy", "slug": "a-custom-app", "integration_url": "https://HOSTNAME/apps/a-custom-app" } }, { "id": 4, "node_id": "MDE20kRlcGxveW1lbnRTdHJ41128", "enabled": true, "app": { "id": 1, "node_id": "UHVE67RlcGxveW1lbnRTdTY!jfeuy", "slug": "another-custom-app", "integration_url": "https://HOSTNAME/apps/another-custom-app" } } ] }
```

# Create a custom deployment protection rule on an environment

 Works with [GitHub Apps](#)

Enable a custom deployment protection rule for an environment.

You must authenticate using an access token with the `repo` scope to use this endpoint. Enabling a custom protection rule requires admin or owner permissions to the repository. GitHub Apps must have the `actions:write` permission to use this endpoint.

For more information about the app that is providing this custom deployment rule, see the [documentation for the `GET /apps/{app\_slug}` endpoint](#).

## Parameters for "Create a custom deployment protection rule on an environment"

Headers

accept

string

Setting to `application/vnd.github+json` is recommended.

Path parameters

environment\_name

string

Required

The name of the environment.

repo

string

Required

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

owner

string

Required

The account owner of the repository. The name is not case sensitive.

Body parameters

`integration_id` integer

The ID of the custom app that will be enabled on the environment.

HTTP response status codes for "Create a custom deployment protection rule on an environment"

Status code	Description
201	The enabled custom deployment protection rule

Code samples for "Create a custom deployment protection rule on an environment"

POST /repos/{owner}/{repo}/environments/{environment\_name}/deployment\_protection\_rules

cURLJavaScriptGitHub 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/environments/ENVIRONMENT_NAME/deployment_protection_rules \ -d '{"integration_id":5}'
```

The enabled custom deployment protection rule

Example responseResponse schema

Status: 201

```
{ "id": 3, "node_id": "IEH37kRlcGxveW1bnRTdGF0ddiv", "enabled": true, "app": { "id": 1, "node_id": "GHT58kRlcGxveW1bnRTdTY!bbcy", "slug": "a-custom-app", "integration_url": "https://HOSTNAME/apps/a-custom-app" } }
```

List custom deployment rule integrations available for an environment



✔ Works with [GitHub Apps](#)

Gets all custom deployment protection rule integrations that are available for an environment. Anyone with read access to the repository can use this endpoint. If the repository is private and you want to use a personal access token (classic), you must use an access token with the `repo` scope. GitHub Apps and fine-grained personal access tokens must have the `actions:read` permission to use this endpoint.

For more information about environments, see "[Using environments for deployment](#)."

For more information about the app that is providing this custom deployment rule, see "[GET an app](#)".

Parameters for "List custom deployment rule integrations available for an environment"

Headers

**accept** string

Setting to `application/vnd.github+json` is recommended.

Path parameters

**environment\_name** string **Required**

The name of the environment.

**repo** string **Required**

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

**owner** string **Required**

The account owner of the repository. The name is not case sensitive.

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 custom deployment rule integrations available for an environment"

Status code	Description
200	A list of custom deployment rule integrations available for this environment.

Code samples for "List custom deployment rule integrations available for an environment"

GET

/repos/{owner}/{repo}/environments/{environment\_name}/deployment\_protection\_rules/apps

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/environments/ENVIRONMENT_NAME/deployment_protection_rules/apps
```

A list of custom deployment rule integrations available for this environment.

Example response

Response schema

Status: 200

```
[ { "total_count": 2 }, { "available_custom_deployment_protection_rule_integrations": [ { "id": 1, "node_id": "GHT58kRlcGxveWllbnRTdTdTY!bbcy", "slug": "a-custom-app", "integration_url": "https://HOSTNAME/apps/a-custom-app" }, { "id": 2, "node_id": "UHV667RlcGxveWllbnRTdTdTY!jfeuy", "slug": "another-custom-app", "integration_url": "https://HOSTNAME/apps/another-custom-app" } ] } ]
```

# Get a custom deployment protection rule

✔ Works with [GitHub Apps](#)

Gets an enabled custom deployment protection rule for an environment. Anyone with read access to the repository can use this endpoint. If the repository is private and you want to use a personal access token (classic), you must use an access token with the `repo` scope. GitHub Apps and fine-grained personal access tokens must have the `actions:read` permission to use this endpoint. For more information about environments, see "[Using environments for deployment](#)."

For more information about the app that is providing this custom deployment rule, see [GET /apps/{app\\_slug}](#).

## Parameters for "Get a custom deployment protection rule"

### 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.

**environment\_name** string **Required**

The name of the environment.

**protection\_rule\_id** integer **Required**

The unique identifier of the protection rule.

## HTTP response status codes for "Get a custom deployment protection rule"

Status code	Description
200	OK

## Code samples for "Get a custom deployment protection rule"

GET

/repos/{owner}/{repo}/environments/{environment\_name}/deployment\_protection\_rules/{protection\_rule\_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/environments/ENVIRONMENT_NAME/deployment_protection_rules/PROTECTION_RULE_ID
```

Response

Example response

Response schema

Status: 200

```
{ "id": 3, "node_id": "IEH37kRlcGxveW1lbnRTdGF0ddiv", "enabled": true, "app": { "id": 1, "node_id": "GHT58kRlcGxveW1lbnRTdTY!bbcy", "slug": "a-custom-app", "integration_url": "https://HOSTNAME/apps/a-custom-app" } }
```

## Disable a custom protection rule for an environment

✔ Works with [GitHub Apps](#)

Disables a custom deployment protection rule for an environment.

You must authenticate using an access token with the `repo` scope to use this endpoint. Removing a custom protection rule requires admin or owner permissions to the repository. GitHub Apps must have the `actions:write` permission to use this endpoint. For more information, see "[Get an app](#)".

### Parameters for "Disable a custom protection rule for an environment"

#### Headers

**accept** string  
Setting to `application/vnd.github+json` is recommended.

#### Path parameters

**environment\_name** string **Required**  
The name of the environment.

**repo** string **Required**  
The name of the repository without the `.git` extension. The name is not case sensitive.

**owner** string **Required**  
The account owner of the repository. The name is not case sensitive.

**protection\_rule\_id** integer **Required**  
The unique identifier of the protection rule.

### HTTP response status codes for "Disable a custom protection rule for an environment"

Status code	Description
204	No Content

Code samples for "Disable a custom protection rule for an environment"

DELETE

/repos/{owner}/{repo}/environments/{environment\_name}/deployment\_protection\_rules/{protection\_rule\_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/environments/ENVIRONMENT\_NAME/deployment\_protection\_rules/PROTECTION\_RULE\_ID

Response

Status: 204

Legal