Q ..

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

Protected branches

Use the REST API to manage protected branches.

Get branch protection @

Works with <u>GitHub Apps</u>

Protected branches are available in public repositories with GitHub Free and GitHub Free for organizations, and in public and private repositories with GitHub Pro, GitHub Team, GitHub Enterprise Cloud, and GitHub Enterprise Server. For more information, see <u>GitHub's products</u> in the GitHub Help documentation.

Parameters for "Get branch protection"

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 $\ensuremath{\,\text{.git}\,}$ extension. The name is not case sensitive.

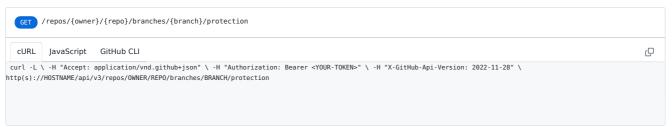
branch string Required

The name of the branch. Cannot contain wildcard characters. To use wildcard characters in branch names, use the GraphQL API.

HTTP response status codes for "Get branch protection"

Status code	Description
200	ОК
404	Resource not found

Code samples for "Get branch protection"



Response

Example response Response schema

Status: 200

{ "url": "https://HOSTNAME/repos/octocat/Hello-World/branches/master/protection", "required_status_checks": { "url": "https://HOSTNAME/repos/octocat/Hello-World/branches/master/protection/required_status_checks": ["continuous:integration/travis-ci"], "contexts_url": "https://HOSTNAME/repos/octocat/Hello-World/branches/master/protection/required_status_checks/contexts", "enforcement_level": "non_admins" }, "enforce_admins": { "url": "https://HOSTNAME/repos/octocat/Hello-World/branches/master/protection/required_pull_request_reviews"; "url": "https://HOSTNAME/repos/octocat/Hello-World/branches/master/protection/required_pull_request_reviews", "dismissal_restrictions": { "url": "https://HOSTNAME/repos/octocat/Hello-World/branches/master/protection/dismissal_restrictions"; "url": "https://HOSTNAME/repos/octocat/Hello-World/branches/master/protection/dismis

Update branch protection @

✓ Works with GitHub Apps

Protected branches are available in public repositories with GitHub Free and GitHub Free for organizations, and in public and private repositories with GitHub Pro, GitHub Team, GitHub Enterprise Cloud, and GitHub Enterprise Server. For more information, see GitHub's products in the GitHub Help documentation.

Protecting a branch requires admin or owner permissions to the repository.

Note: Passing new arrays of users and teams replaces their previous values.

Note: The list of users, apps, and teams in total is limited to 100 items.

Parameters for "Update branch protection"

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 <code>.git</code> extension. The name is not case sensitive.

branch string Required

The name of the branch. Cannot contain wildcard characters. To use wildcard characters in branch names, use the GraphQL API.

Body parameters

required_status_checks object or null Required

Require status checks to pass before merging. Set to null to disable.

▶ Properties of required_status_checks

enforce_admins boolean or null Required

Enforce all configured restrictions for administrators. Set to true to enforce required status checks for repository administrators. Set to null to disable.

required_pull_request_reviews object or null Required

Require at least one approving review on a pull request, before merging. Set to null to disable.

▶ Properties of required_pull_request_reviews

restrictions object or null Required

Restrict who can push to the protected branch. User, app, and team restrictions are only available for organization-owned repositories. Set to null to disable.

▶ Properties of restrictions

required_linear_history boolean

Enforces a linear commit Git history, which prevents anyone from pushing merge commits to a branch. Set to true to enforce a linear commit history. Set to false to disable a linear commit Git history. Your repository must allow squash merging or rebase merging before you can enable a linear commit history. Default: false. For more information, see "Requiring a linear commit history" in the GitHub Help documentation.

allow_force_pushes boolean or null

Permits force pushes to the protected branch by anyone with write access to the repository. Set to true to allow force pushes. Set to false or null to block force pushes. Default: false. For more information, see "Enabling force pushes to a protected branch" in the GitHub Help documentation."

allow deletions boolean

Allows deletion of the protected branch by anyone with write access to the repository. Set to false to prevent deletion of the protected branch. Default: false . For more information, see "Enabling force pushes to a protected branch" in the GitHub Help documentation.

block_creations boolean

If set to true, the restrictions branch protection settings which limits who can push will also block pushes which create new branches, unless the push is initiated by a user, team, or app which has the ability to push. Set to true to restrict new branch creation. Default: false.

required_conversation_resolution boolean

Requires all conversations on code to be resolved before a pull request can be merged into a branch that matches this rule. Set to false to disable. Default: false .

lock_branch boolean

Whether to set the branch as read-only. If this is true, users will not be able to push to the branch. Default: false.

Default: false

allow_fork_syncing boolean

Whether users can pull changes from upstream when the branch is locked. Set to true to allow fork syncing. Set to false to prevent fork syncing. Default: false .

Default: false

HTTP response status codes for "Update branch protection"

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

Code samples for "Update branch protection"



curl -L \ -X PUT \ -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/branches/BRANCH/protection \ -d '{"required_status_checks":{"strict":true,"contexts":["continuous-integration/travis-

 $\verb|ci"||, "enforce_admins": true, "required_pull_request_reviews": {"dismissal_restrictions": {"users": ["octocat"], "teams": ["justice-reviews": {"dismissal_restrictions": {"users": ["octocat"], "teams": ["justice-reviews": ["dismissal_restrictions": ["dismissal$

league"]}, "dismiss_stale_reviews":true, "require_code_owner_reviews":true, "required_approving_review_count":2, "require_last_push_approval":true, "bypass_pull_request_allowances":{"users": ["octocat"], "teams":["justice-league"], "apps":["super-

ci"]}, "required_linear_history":true, "allow_force_pushes":true, "allow_deletions":true, "block_creations":true, "required_conversation_resolution":true, "lock_branch":true, "allow_fork_syncing

Response

Example response Response schema

Status: 200

{ "url": "https://HOSTNAME/repos/octocat/hello-world/branches/main/protection", "required_status_checks": { "url": "https://HOSTNAME/repos/octocat/hello-world/branches/main/protection/required_status_checks": ["continuous-integration/travis-ci"], "contexts url": "https://HOSTNAME/repos/octocat/hello-world/branches/main/protection/required_status_checks": ["continuous-integration/travis-ci"], "contexts url": "https://HOSTNAME/repos/octocat/hello-world/branches/main/protection/required_status_checks". | "contexts" | "context

world/branches/main/protection/required_status_checks", "strict": true, "contexts": ["continuous-integration/travis-ci"], "contexts_url": "https://HOSTNAME/repos/octocat/hello-world/branches/main/protection/required_status_checks/contexts", "checks": [{ "context": "continuous-integration/travis-ci", "app_id": null }] }, "restrictions": { "url": "https://HOSTNAME/repos/octocat/hello-world/branches/main/protection/restrictions", "users_url": "https://HOSTNAME/repos/octocat/hello-world/branches/main/protection/restrictions", "users_url": "https://HOSTNAME/repos/octocat/hello-world/branches/main/protection/restrictions/teams", "apps_url": "https://HOSTNAME/repos/octocat/hello-world/branches/main/protection/restrictions/teams", "apps_url": "https://HOSTNAME/repos/octocat/hello-world/branches/main/protection/restrictions/teams", "apps_url": "https://HOSTNAME/repos/octocat/hello-world/branches/main/protection/restrictions/apps", "users": [], "teams": [], "apps": [] }, "required_pull_request_reviews": { "url": "https://HOSTNAME/repos/octocat/hello-world/branches/main/protection/restrictions/users", "users": [], "teams": [], "apps": [] }, "required_pull_request_reviews": { "url": "https://HOSTNAME/repos/octocat/hello-world/branches/main/protection/restrictions/users", "users": [], "teams": [], "apps": [] }, "required_pull_request_reviews": { "url": "https://HOSTNAME/repos/octocat/hello-world/branches/main/protection/restrictions/users", "users": [], "teams": [], "apps": [] }, "required_pull_request_reviews": { "url": "https://HOSTNAME/repos/octocat/hello-world/branches/main/protection/restrictions/users", "users": [], "apps": [] }, "apps": [] }

Delete branch protection @

Works with <u>GitHub Apps</u>

Protected branches are available in public repositories with GitHub Free and GitHub Free for organizations, and in public and private repositories with GitHub Pro, GitHub Team, GitHub Enterprise Cloud, and GitHub Enterprise Server. For more information, see <u>GitHub's products</u> in the GitHub Help documentation.

Parameters for "Delete branch protection"

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.

branch string Required

The name of the branch. Cannot contain wildcard characters. To use wildcard characters in branch names, use the GraphOL API.

HTTP response status codes for "Delete branch protection"

Status code	Description
204	No Content
403	Forbidden

Code samples for "Delete branch protection"



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/branches/BRANCH/protection

Response

Status: 204

Get admin branch protection &

✓ Works with <u>GitHub Apps</u>

Protected branches are available in public repositories with GitHub Free and GitHub Free for organizations, and in public and private repositories with GitHub Pro, GitHub Team, GitHub Enterprise Cloud, and GitHub Enterprise Server. For more information, see <u>GitHub's products</u> in the GitHub Help documentation

Parameters for "Get admin branch protection"

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 <code>.git</code> extension. The name is not case sensitive.

branch string Required

 $The name of the branch. Cannot contain wildcard characters. To use wildcard characters in branch names, use \underline{the GraphQL\ API.}$

HTTP response status codes for "Get admin branch protection"

Status code Description

200 OK

Code samples for "Get admin branch protection"



Response

Example response Response schema

Status: 200

{ "url": "https://HOSTNAME/repos/octocat/Hello-World/branches/master/protection/enforce_admins", "enabled": true }

Set admin branch protection @

✓ Works with <u>GitHub Apps</u>

Protected branches are available in public repositories with GitHub Free and GitHub Free for organizations, and in public and private repositories with GitHub Pro, GitHub Team, GitHub Enterprise Cloud, and GitHub Enterprise Server. For more information, see GitHub's products in the GitHub Help

documentation.

Adding admin enforcement requires admin or owner permissions to the repository and branch protection to be enabled.

Parameters for "Set admin branch protection"

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 $\ensuremath{\,\text{.git}\,}$ extension. The name is not case sensitive.

branch string Required

The name of the branch. Cannot contain wildcard characters. To use wildcard characters in branch names, use the GraphOL API.

HTTP response status codes for "Set admin branch protection"

Status code Description

200 OK

Code samples for "Set admin branch protection"

/repos/{owner}/{repo}/branches/{branch}/protection/enforce_admins

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/branches/BRANCH/protection/enforce_admins

Response

Example response Response schema

Status: 200

{ "url": "https://HOSTNAME/repos/octocat/Hello-World/branches/master/protection/enforce_admins", "enabled": true }

Delete admin branch protection &

Works with <u>GitHub Apps</u>

Protected branches are available in public repositories with GitHub Free and GitHub Free for organizations, and in public and private repositories with GitHub Pro, GitHub Team, GitHub Enterprise Cloud, and GitHub Enterprise Server. For more information, see GitHub's products in the GitHub Help documentation.

Removing admin enforcement requires admin or owner permissions to the repository and branch protection to be enabled.

Parameters for "Delete admin branch protection"

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.

The name of the repository without the <code>.git</code> extension. The name is not case sensitive.

branch string Required

The name of the branch. Cannot contain wildcard characters. To use wildcard characters in branch names, use the GraphQL API.

HTTP response status codes for "Delete admin branch protection"

Status code	Description
204	No Content
404	Resource not found

Code samples for "Delete admin branch protection"



Response

Status: 204

Get pull request review protection &

Works with <u>GitHub Apps</u>

Protected branches are available in public repositories with GitHub Free and GitHub Free for organizations, and in public and private repositories with GitHub Pro, GitHub Team, GitHub Enterprise Cloud, and GitHub Enterprise Server. For more information, see GitHub's products in the GitHub Help documentation.

Parameters for "Get pull request review protection"

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.

branch string Required

 $The name of the branch. Cannot contain wildcard characters. To use wildcard characters in branch names, use \underline{the GraphQL\ APLOW}.$

HTTP response status codes for "Get pull request review protection"

Status code Description

200 OK

Code samples for "Get pull request review protection"



Example response Response schema

Status: 200

{ "url": "https://HOSTNAME/repos/octocat/Hello-World/branches/master/protection/required_pull_request_reviews", "dismissal_restrictions": { "url": "https://HOSTNAME/repos/octocat/Hello-World/branches/master/protection/dismissal_restrictions": "https://HOSTNAME/repos/octocat/Hello-World/branches/master/protection/dismissal_restrictions/users", "teams_url": "https://HOSTNAME/repos/octocat/Hello-World/branches/master/protection/dismissal_restrictions/teams", "users": [{ "login": "octocat", "id": 1, "node_id": "MDQ6VXNlcjE=", "avatar_url": "https://github.com/images/error/octocat_happy.gif", "gravatar_id": "", "url": "https://HOSTNAME/users/octocat", "html_url": "https://github.com/octocat", "followers_url": "https://HOSTNAME/users/octocat/following{/other_user}", "gists_url": "#Gollowers_url": "https://HOSTNAME/users/octocat/following{/other_user}", "gists_url": "#Gollowers_url": "https://HOSTNAME/users/octocat/following{/other_user}", "gists_url": "#Gollowers_url": "https://HOSTNAME/users/octocat/followers_url": "#Gollowers_url": "https://HOSTNAME/users/octocat/followers_url": "#Gollowers_url": "https://HOSTNAME/users/octocat/followers_url": "#Gollowers_url": #Gollowers_url": #Gollowers_url": #Gollowers_url": #Gollowers_url": #Gollowers_url": #Gollowers_url":

Update pull request review protection @

Works with GitHub Apps

Protected branches are available in public repositories with GitHub Free and GitHub Free for organizations, and in public and private repositories with GitHub Pro, GitHub Team, GitHub Enterprise Cloud, and GitHub Enterprise Server. For more information, see GitHub's products in the GitHub Help documentation.

Updating pull request review enforcement requires admin or owner permissions to the repository and branch protection to be enabled.

Note: Passing new arrays of users and teams replaces their previous values.

Parameters for "Update pull request review protection"

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 <code>.git</code> extension. The name is not case sensitive.

branch string Required

The name of the branch. Cannot contain wildcard characters. To use wildcard characters in branch names, use the GraphQL API.

Body parameters

dismissal_restrictions object

Specify which users, teams, and apps can dismiss pull request reviews. Pass an empty dismissal_restrictions object to disable. User and team dismissal_restrictions are only available for organization-owned repositories. Omit this parameter for personal repositories.

 \blacktriangleright Properties of <code>dismissal_restrictions</code>

dismiss_stale_reviews boolean

Set to true if you want to automatically dismiss approving reviews when someone pushes a new commit.

require_code_owner_reviews boolean

Blocks merging pull requests until <u>code owners</u> have reviewed.

required_approving_review_count integer

Specifies the number of reviewers required to approve pull requests. Use a number between 1 and 6 or 0 to not require reviewers.

require_last_push_approval boolean

Whether the most recent push must be approved by someone other than the person who pushed it. Default: false

Default: false

bypass_pull_request_allowances object

Allow specific users, teams, or apps to bypass pull request requirements.

 $\blacktriangleright \ \, \mathsf{Properties} \ \, \mathsf{of} \ \, \mathsf{bypass_pull_request_allowances}$

HTTP response status codes for "Update pull request review protection"

Status code	Description
200	ОК
422	Validation failed, or the endpoint has been snammed

repos/{owner}/{repo}/branches/{branch}/protection/required_pull_request_reviews

CURL JavaScript

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/repos/OWNER/REPO/branches/BRANCH/protection/required_pull_request_reviews \ -d '{"dismissal_restrictions":{"users":["octoat"],"teams":["justice-league"], "apps":["octoapp"]}, "bypass_pull_request_allowances":{"users":["octocat"],"teams":["justice-league"], "apps":

["octoapp"]}, "dismiss_stale_reviews":true, "require_code_owner_reviews":true, "required_approving_review_count":2, "require_last_push_approval":true}'

Response

Example response Response schema

Status: 200

{ "url": "https://HOSTNAME/repos/octocat/Hello-World/branches/master/protection/required_pull_request_reviews", "dismissal_restrictions": { "url": "https://HOSTNAME/repos/octocat/Hello-World/branches/master/protection/dismissal_restrictions", "users_url": "https://HOSTNAME/repos/octocat/Hello-World/branches/master/protection/dismissal_restrictions", "teams_url": "https://HOSTNAME/repos/octocat/Hello-World/branches/master/protection/dismissal_restrictions/teams", "users": [{ "login": "octocat", "id": 1, "node_id": "MD06VXNlcjE=", "avatar_url": "https://dishub.com/images/error/octocat_happy.gif", "gravatar_id": "", "url": "https://HOSTNAME/users/octocat", "html_url": "https://github.com/octocat", "followers_url": "https://HOSTNAME/users/octocat/following{/other_user}", "gists_url":

Delete pull request review protection &

Works with GitHub Apps

Protected branches are available in public repositories with GitHub Free and GitHub Free for organizations, and in public and private repositories with GitHub Pro, GitHub Team, GitHub Enterprise Cloud, and GitHub Enterprise Server. For more information, see GitHub's products in the GitHub Help documentation.

Parameters for "Delete pull request review protection"

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 <code>.git</code> extension. The name is not case sensitive.

branch string Required

The name of the branch. Cannot contain wildcard characters. To use wildcard characters in branch names, use the GraphOL API.

HTTP response status codes for "Delete pull request review protection"

Status code Description

204 No Content

404 Resource not found

Code samples for "Delete pull request review protection"

| CURL | JavaScript | GitHub CL| | 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/branches/BRANCH/protection/required_pull_request_reviews

Response

Status: 204

Get commit signature protection @

Works with <u>GitHub Apps</u>

Protected branches are available in public repositories with GitHub Free and GitHub Free for organizations, and in public and private repositories with GitHub Pro, GitHub Team, GitHub Enterprise Cloud, and GitHub Enterprise Server. For more information, see GitHub's products in the GitHub Help documentation.

When authenticated with admin or owner permissions to the repository, you can use this endpoint to check whether a branch requires signed commits. An enabled status of true indicates you must sign commits on this branch. For more information, see Signing commits with GPG in GitHub Help.

Note: You must enable branch protection to require signed commits.

Parameters for "Get commit signature protection"

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 $\ensuremath{\,\text{.git}\,}$ extension. The name is not case sensitive.

branch string Required

The name of the branch. Cannot contain wildcard characters. To use wildcard characters in branch names, use the GraphQL API.

HTTP response status codes for "Get commit signature protection"

Status code	Description
200	ОК
404	Resource not found

Code samples for "Get commit signature protection"



Response

Example response Response schema

Status: 200

{ "url": "https://HOSTNAME/repos/octocat/Hello-World/branches/master/protection/required_signatures", "enabled": true }

Create commit signature protection &

Works with <u>GitHub Apps</u>

Protected branches are available in public repositories with GitHub Free and GitHub Free for organizations, and in public and private repositories with GitHub Pro, GitHub Team, GitHub Enterprise Cloud, and GitHub Enterprise Server. For more information, see <u>GitHub's products</u> in the GitHub Help documentation.

When authenticated with admin or owner permissions to the repository, you can use this endpoint to require signed commits on a branch. You must enable branch protection to require signed commits.

Parameters for "Create commit signature protection"

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.

branch string Required

The name of the branch. Cannot contain wildcard characters. To use wildcard characters in branch names, use the GraphOL API.

HTTP response status codes for "Create commit signature protection"

Status code	Description
200	ОК
404	Resource not found

Code samples for "Create commit signature protection"



Response

Example response Response schema

Status: 200

{ "url": "https://HOSTNAME/repos/octocat/Hello-World/branches/master/protection/required_signatures", "enabled": true }

Delete commit signature protection &

Works with <u>GitHub Apps</u>

Protected branches are available in public repositories with GitHub Free and GitHub Free for organizations, and in public and private repositories with GitHub Pro, GitHub Team, GitHub Enterprise Cloud, and GitHub Enterprise Server. For more information, see GitHub's products in the GitHub Help documentation.

When authenticated with admin or owner permissions to the repository, you can use this endpoint to disable required signed commits on a branch. You must enable branch protection to require signed commits.

Parameters for "Delete commit signature protection"

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 $\ensuremath{\,\text{.git}\,}$ extension. The name is not case sensitive.

branch string Required

The name of the branch. Cannot contain wildcard characters. To use wildcard characters in branch names, use the GraphQL API.

HTTP response status codes for "Delete commit signature protection"

Status code	Description
204	No Content
404	Resource not found

Code samples for "Delete commit signature protection"



Response

Status: 204

Get status checks protection @

✓ Works with <u>GitHub Apps</u>

Protected branches are available in public repositories with GitHub Free and GitHub Free for organizations, and in public and private repositories with GitHub Pro, GitHub Team, GitHub Enterprise Cloud, and GitHub Enterprise Server. For more information, see <u>GitHub's products</u> in the GitHub Help documentation.

Parameters for "Get status checks protection"

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.

branch string Required

The name of the branch. Cannot contain wildcard characters. To use wildcard characters in branch names, use the GraphQL API.

HTTP response status codes for "Get status checks protection"

Status code	Description
200	OK
404	Resource not found

Code samples for "Get status checks protection"



Response

Example response Response schema
Status: 200

{ "url": "https://HOSTNAME/repos/octocat/Hello-World/branches/master/protection/required_status_checks", "strict": true, "contexts": ["continuous-integration/travis-ci"], "contexts_url": "https://HOSTNAME/repos/octocat/Hello-World/branches/master/protection/required_status_checks/contexts" }

Update status check protection &

Works with <u>GitHub Apps</u>

Protected branches are available in public repositories with GitHub Free and GitHub Free for organizations, and in public and private repositories with GitHub Pro, GitHub Team, GitHub Enterprise Cloud, and GitHub Enterprise Server. For more information, see GitHub's products in the GitHub Help documentation.

Updating required status checks requires admin or owner permissions to the repository and branch protection to be enabled.

Parameters for "Update status check protection"

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.

branch string Required

The name of the branch. Cannot contain wildcard characters. To use wildcard characters in branch names, use the GraphQL APL

Body parameters

strict boolean

Require branches to be up to date before merging.

contexts array of strings

Deprecated: The list of status checks to require in order to merge into this branch. If any of these checks have recently been set by a particular GitHub App, they will be required to come from that app in future for the branch to merge. Use checks instead of contexts for more fine-grained control.

checks array of objects

The list of status checks to require in order to merge into this branch.

▶ Properties of checks

HTTP response status codes for "Update status check protection"

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

Code samples for "Update status check protection"



Response

Example response Response schema
Status: 200

{ "url": "https://HOSTNAME/repos/octocat/Hello-World/branches/master/protection/required_status_checks", "strict": true, "contexts": ["continuous-integration/travis-ci"], "contexts_url": "https://HOSTNAME/repos/octocat/Hello-World/branches/master/protection/required_status_checks/contexts" }

Remove status check protection &

✓ Works with <u>GitHub Apps</u>

Protected branches are available in public repositories with GitHub Free and GitHub Free for organizations, and in public and private repositories with GitHub Pro, GitHub Team, GitHub Enterprise Cloud, and GitHub Enterprise Server. For more information, see GitHub's products in the GitHub Help documentation.

Parameters for "Remove status check protection"

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 <code>.git</code> extension. The name is not case sensitive.

branch string Required

The name of the branch. Cannot contain wildcard characters. To use wildcard characters in branch names, use the GraphQL API.

HTTP response status codes for "Remove status check protection"

Status code Description

204 No Content

Code samples for "Remove status check protection"

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/branches/BRANCH/protection/required_status_checks

Response

Status: 204

Get all status check contexts &

Works with <u>GitHub Apps</u>

Protected branches are available in public repositories with GitHub Free and GitHub Free for organizations, and in public and private repositories with GitHub Pro, GitHub Team, GitHub Enterprise Cloud, and GitHub Enterprise Server. For more information, see GitHub's products in the GitHub Help documentation.

Parameters for "Get all status check contexts"

Headers

accept strin

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.

branch string Required

The name of the branch. Cannot contain wildcard characters. To use wildcard characters in branch names, use the GraphQL APL

HTTP response status codes for "Get all status check contexts"

Status code	Description
200	OK
404	Resource not found

Code samples for "Get all status check contexts"



Response

Example response Response schema

Status: 200

["continuous-integration/travis-ci"]

Add status check contexts @

✓ Works with <u>GitHub Apps</u>

Protected branches are available in public repositories with GitHub Free and GitHub Free for organizations, and in public and private repositories with GitHub Pro, GitHub Team, GitHub Enterprise Cloud, and GitHub Enterprise Server. For more information, see <u>GitHub's products</u> in the GitHub Help documentation.

Parameters for "Add status check contexts"

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 $\ensuremath{\tt .git}$ extension. The name is not case sensitive.

branch string Required

The name of the branch. Cannot contain wildcard characters. To use wildcard characters in branch names, use the GraphOL API.

Body parameters

contexts array of strings Required

The name of the status checks

Status code	Description
200	ОК
403	Forbidden
494	Resource not found
422	Validation failed or the endocint has been snammed

Code samples for "Add status check contexts"



Response

Example response Response schema

Status: 200
["continuous-integration/travis-ci", "continuous-integration/jenkins"]

Set status check contexts @

Works with GitHub Apps

Protected branches are available in public repositories with GitHub Free and GitHub Free for organizations, and in public and private repositories with GitHub Pro, GitHub Team, GitHub Enterprise Cloud, and GitHub Enterprise Server. For more information, see GitHub's products in the GitHub Help documentation.

Parameters for "Set status check contexts"

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 $\ensuremath{\,\text{.git}\,}$ extension. The name is not case sensitive.

branch string Required

The name of the branch. Cannot contain wildcard characters. To use wildcard characters in branch names, use the GraphQL API.

Body parameters

contexts array of strings Required

The name of the status checks

HTTP response status codes for "Set status check contexts"

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

Code samples for "Set status check contexts"



Response

Example response Response schema

Status: 200

["continuous-integration/travis-ci"]

Remove status check contexts &

Works with <u>GitHub Apps</u>

Protected branches are available in public repositories with GitHub Free and GitHub Free for organizations, and in public and private repositories with GitHub Pro, GitHub Team, GitHub Enterprise Cloud, and GitHub Enterprise Server. For more information, see GitHub's products in the GitHub Help documentation.

Parameters for "Remove status check contexts"

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 $\mbox{\tt .git}$ extension. The name is not case sensitive.

branch string Required

 $The name of the branch. Cannot contain wildcard characters. To use wildcard characters in branch names, use \underline{the GraphQL API}.$

Body parameters

contexts array of strings Required

The name of the status checks

HTTP response status codes for "Remove status check contexts"

Status code	Description
200	ОК
404	Resource not found
422	Validation failed, or the endooint has been snammed

Code samples for "Remove status check contexts"

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/branches/BRANCH/protection/required_status_checks/contexts \ -d '{"contexts":["continuous-integration/jenkins"]}'

Example response Response schema

Status: 200
["continuous-integration/travis-ci"]

Get access restrictions @

Works with GitHub Apps

Protected branches are available in public repositories with GitHub Free and GitHub Free for organizations, and in public and private repositories with GitHub Pro, GitHub Team, GitHub Enterprise Cloud, and GitHub Enterprise Server. For more information, see GitHub's products in the GitHub Help documentation.

Lists who has access to this protected branch.

Note: Users, apps, and teams restrictions are only available for organization-owned repositories.

Parameters for "Get access restrictions"

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 <code>.git</code> extension. The name is not case sensitive.

branch string Required

The name of the branch. Cannot contain wildcard characters. To use wildcard characters in branch names, use the GraphQL API.

HTTP response status codes for "Get access restrictions"

Status code	Description
200	ОК
404	Resource not found

Code samples for "Get access restrictions"



Response

Example response Response schema

Status: 200

{ "url": "https://HOSTNAME/repos/octocat/Hello-World/branches/master/protection/restrictions", "users_url": "https://HOSTNAME/repos/octocat/Hello-World/branches/master/protection/restrictions/teams", "apps_url": "https://HOSTNAME/repos/octocat/Hello-World/branches/master/protection/restrictions/teams", "apps_url": "https://HOSTNAME/repos/octocat/Hello-World/branches/master/protection/restrictions/sapps", "users": [{ "login": "octocat", "id": 1, "node_id": "MDQ6VXNlcjE=", "avatar_url": "https://HOSTNAME/users/octocat", "https://HOSTNAME/users/octocat", "https://HOSTNAME/users/octocat", "https://HOSTNAME/users/octocat", "gists_url": "https://HOSTNAME/users/octocat/following{/other_user}", "gists_url": "https://HOSTNAME/users/octocat/following_url": "https://HOSTNAME/users/octocat/following

Delete access restrictions @

Protected branches are available in public repositories with GitHub Free and GitHub Free for organizations, and in public and private repositories with GitHub Pro, GitHub Team, GitHub Enterprise Cloud, and GitHub Enterprise Server. For more information, see GitHub's products in the GitHub Help documentation.

Disables the ability to restrict who can push to this branch.

Parameters for "Delete access restrictions"

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 <code>.git</code> extension. The name is not case sensitive.

branch string Required

The name of the branch. Cannot contain wildcard characters. To use wildcard characters in branch names, use the GraphQL API.

HTTP response status codes for "Delete access restrictions"

Status code Description

204 No Content

Code samples for "Delete access restrictions"



Response

Status: 204

Get apps with access to the protected branch &

✓ Works with <u>GitHub Apps</u>

Protected branches are available in public repositories with GitHub Free and GitHub Free for organizations, and in public and private repositories with GitHub Pro, GitHub Team, GitHub Enterprise Cloud, and GitHub Enterprise Server. For more information, see GitHub's products in the GitHub Help documentation.

Lists the GitHub Apps that have push access to this branch. Only installed GitHub Apps with write access to the contents permission can be added as authorized actors on a protected branch.

Parameters for "Get apps with access to the protected branch"

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 <code>.git</code> extension. The name is not case sensitive.

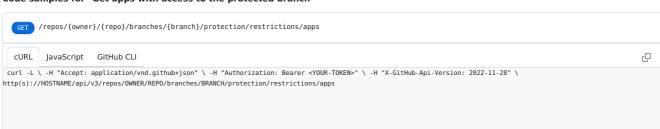
branch string Required

The name of the branch. Cannot contain wildcard characters. To use wildcard characters in branch names, use the GraphQL API.

HTTP response status codes for "Get apps with access to the protected branch"

Status code	Description
200	OK
404	Resource not found

Code samples for "Get apps with access to the protected branch"



Response

Example response Response schema

Status: 200

[{ "id": 1, "slug": "octoapp", "node_id": "MDExOkludGVncmF0aW9uMQ==", "owner": { "login": "github", "id": 1, "node_id": "MDEyOk9yZ2FuaXphdGlvbjE=", "url": "https://HOSTNAME/orgs/github/repos", "events_url": "https://HOSTNAME/orgs/github/events", "avatar_url": "https://github.com/images/error/octocat_happv.gif", "gravatar_id": "", "html_url": "https://github.com/octocat", "followers_url": "https://HOSTNAME/users/octocat/followers", "following_url": "https://HOSTNAME/users/octocat/followers", "gists_url": "https://HOSTNAME/users/octocat/gists{/gist_id}", "starred_url": "https://HOSTNAME/users/octocat/followers_url": "https://HOSTNAME/users/octocat/subscriptions_url": "https://HOSTNAME/users/octocat/subscriptions_url": "https://HOSTNAME/users/octocat/orgs", "received_events_url":

Add app access restrictions &

Works with <u>GitHub Apps</u>

Protected branches are available in public repositories with GitHub Free and GitHub Free for organizations, and in public and private repositories with GitHub Pro, GitHub Team, GitHub Enterprise Cloud, and GitHub Enterprise Server. For more information, see GitHub's products in the GitHub Help documentation.

Grants the specified apps push access for this branch. Only installed GitHub Apps with write access to the contents permission can be added as authorized actors on a protected branch.

Parameters for "Add app access restrictions"

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 $\ensuremath{\,\text{.git}\,}$ extension. The name is not case sensitive.

branch string Required

The name of the branch. Cannot contain wildcard characters. To use wildcard characters in branch names, use the GraphQL API.

Body parameters

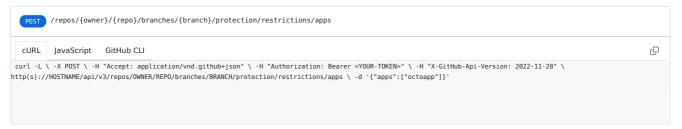
apps array of strings Required

The GitHub Apps that have push access to this branch. Use the slugified version of the app name. **Note**: The list of users, apps, and teams in total is limited to 100 items.

HTTP response status codes for "Add app access restrictions"

Status code	Description
200	ок

Code samples for "Add app access restrictions"



Response

```
Example response Response schema

Status: 200

[ { "id": 1, "slug": "octoapp", "node_id": "MDExOkludGVncmF0aW9uMQ==", "owner": { "login": "github", "id": 1, "node_id": "MDEyOk9yZ2FuaXphdGlvbjE=", "url": "https://HOSTNAME/orgs/github", "repos_url": "https://HOSTNAME/orgs/github/repos", "events_url": "https://HOSTNAME/orgs/github/events", "avatar_url": "https://HOSTNAME/orgs/github/com/images/error/octocat_happy.gif", "gravatar_id": "", "html_url": "https://github.com/octocat", "followers_url": "https://HOSTNAME/users/octocat/following_url": "https://HOSTNAME/users/octocat/following/other_user}", "gists_url": "https://HOSTNAME/users/octocat/gists/(jst_id)", "starred_url": "https://HOSTNAME/users/octocat/starred{/owner}{/repo}", "subscriptions_url": "https://HOSTNAME/users/octocat/orgs", "received_events_url":
```

Set app access restrictions @

Works with <u>GitHub Apps</u>

Protected branches are available in public repositories with GitHub Free and GitHub Free for organizations, and in public and private repositories with GitHub Pro, GitHub Team, GitHub Enterprise Cloud, and GitHub Enterprise Server. For more information, see GitHub's products in the GitHub Help documentation

Replaces the list of apps that have push access to this branch. This removes all apps that previously had push access and grants push access to the new list of apps. Only installed GitHub Apps with write access to the contents permission can be added as authorized actors on a protected branch.

Parameters for "Set app access restrictions"

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.

branch string Required

branch string Required

The name of the branch. Cannot contain wildcard characters. To use wildcard characters in branch names, use the GraphQL API.

Body parameters

apps array of strings Required

The GitHub Apps that have push access to this branch. Use the slugified version of the app name. **Note**: The list of users, apps, and teams in total is limited to 100 items.

HTTP response status codes for "Set app access restrictions"

Status code	Description
200	ОК
422	Validation failed, or the endpoint has been spammed.

Code samples for "Set app access restrictions"



Response

```
Example response Response schema

Status: 200

[{ "id": 1, "slug": "octoapp", "node_id": "MDExOkludGVncmF0aW9uMQ==", "owner": { "login": "github", "id": 1, "node_id": "MDExOk9yZ2FuaXphdGlvbjE=", "url": "https://HOSTNAME/orgs/github", "repos_url": "https://HOSTNAME/orgs/github/cevents", "avatar_url": "https://github.com/images/error/octocat_happy.gif", "gravatar_id": "", "htm_url": "https://github.com/octocat", "followers_url": "https://HOSTNAME/users/octocat/followers", "following_url": "https://HOSTNAME/users/octocat/followers", "gists_url": "https://HOSTNAME/users/octocat/gistsid]", "starred_url": "https://HOSTNAME/users/octocat/followers_url": "https://HOSTNAME/users/octocat/subscriptions_url": "https://HOSTNAME/users/octocat/subscriptions", "organizations_url": "https://HOSTNAME/users/octocat/orgs", "received_events_url": "https://HOSTNAME/users/octocat/events_url": "https://HOSTNAME/users/octocat/subscriptions", "organizations_url": "https://HOSTNAME/users/octocat/orgs", "received_events_url": "https://HOSTNAME/users/octocat/subscriptions", "organizations_url": "https://HOSTNAME/users/octocat/subscriptions", "organizations_url
```

Remove app access restrictions @

Works with <u>GitHub Apps</u>

Protected branches are available in public repositories with GitHub Free and GitHub Free for organizations, and in public and private repositories with GitHub Pro, GitHub Team, GitHub Enterprise Cloud, and GitHub Enterprise Server. For more information, see <u>GitHub's products</u> in the GitHub Help documentation.

Removes the ability of an app to push to this branch. Only installed GitHub Apps with write access to the contents permission can be added as authorized actors on a protected branch.

Parameters for "Remove app access restrictions"

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. $\ensuremath{\mathsf{E}}$

repo string Required

The name of the repository without the $\ensuremath{\mathsf{.git}}$ extension. The name is not case sensitive.

branch string Required

The name of the branch. Cannot contain wildcard characters. To use wildcard characters in branch names, use the GraphQL API.

Body parameters

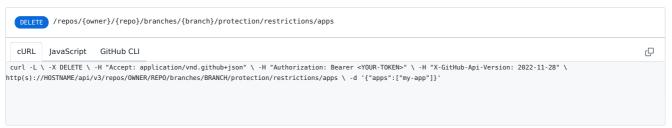
apps array of strings Required

The GitHub Apps that have push access to this branch. Use the slugified version of the app name. **Note**: The list of users, apps, and teams in total is limited to 100 items.

HTTP response status codes for "Remove app access restrictions"

Status code	Description
200	OK
422	Validation failed, or the endpoint has been snammed

Code samples for "Remove app access restrictions"



Response

Example response Response schema
Status: 200

[{ "id": 1, "slug": "octoapp", "node_id": "MDExOkludGVncmF0aW9uMQ==", "owner": { "login": "github", "id": 1, "node_id": "MDEyOk9yZ2FuaXphdGlvbjE=", "url":

"https://HOSTMAME/orgs/github", "repos_url": "https://HOSTMAME/orgs/github/repos", "events_url": "https://HOSTMAME/orgs/github/events", "avatar_url":

"https://github.com/images/error/octocat_happy_gif", "gravatar_id": "", "htmm_url": "https://github.com/octocat", "followers_url":

"https://HOSTMAME/users/octocat/followers", "following_url": "https://HOSTMAME/octocat/following{/other_user}", "gists_url":

"https://HOSTMAME/users/octocat/gists{/gist_id}", "starred_url": "https://HOSTMAME/users/octocat/starred{/owner}{/repo}", "subscriptions_url":

"https://HOSTMAME/users/octocat/subscriptions", "organizations_url": "https://HOSTMAME/users/octocat/orgs", "received_events_url":

Get teams with access to the protected branch &

Works with <u>GitHub Apps</u>

Protected branches are available in public repositories with GitHub Free and GitHub Free for organizations, and in public and private repositories with GitHub Pro, GitHub Team, GitHub Enterprise Cloud, and GitHub Enterprise Server. For more information, see <u>GitHub's products</u> in the GitHub Help documentation.

Lists the teams who have push access to this branch. The list includes child teams.

Parameters for "Get teams with access to the protected branch"

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.

branch string Required

The name of the branch. Cannot contain wildcard characters. To use wildcard characters in branch names, use the GraphQL API.

HTTP response status codes for "Get teams with access to the protected branch"

Status code	Description
200	ОК
404	Pocaurca not found

Code samples for "Get teams with access to the protected branch"



Response

Example response Response schema

Status: 200

[{ "id": 1, "node_id": "MDQ6VGVhbTE=", "url": "https://HOSTNAME/teams/1", "html_url": "https://github.com/orgs/github/teams/justice-league", "name": "Justice League", "slug": "justice-league", "description": "A great team.", "privacy": "closed", "notification_setting": "notification_enabled", "permission": "admin", "members_url": "https://HOSTNAME/teams/1/members{/member}", "repositories_url": "https://HOSTNAME/teams/1/repos", "parent": null }]

Add team access restrictions &

Works with <u>GitHub Apps</u>

Protected branches are available in public repositories with GitHub Free and GitHub Free for organizations, and in public and private repositories with GitHub Pro, GitHub Team, GitHub Enterprise Cloud, and GitHub Enterprise Server. For more information, see GitHub's products in the GitHub Help documentation.

Grants the specified teams push access for this branch. You can also give push access to child teams.

Parameters for "Add team access restrictions"

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.

branch string Required

The name of the branch. Cannot contain wildcard characters. To use wildcard characters in branch names, use the GraphQL APL

Body parameters

teams array of strings Required

The slug values for teams

HTTP response status codes for "Add team access restrictions"

Status code	Description
200	ОК
422	Validation failed, or the endpoint has been spammed.

Code samples for "Add team access restrictions"



Response

Example response Response schema

Status: 200

[{ "id": 1, "node_id": "MDQ6VGVhbTE=", "url": "https://HOSTNAME/teams/1", "html_url": "https://github.com/orgs/github/teams/justice-league", "name": "Justice League", "slug": "justice-league", "description": "A great team.", "privacy": "closed", "notification_setting": "notifications_enabled", "permission": "admin", "members_url": "https://HOSTNAME/teams/1/members{/members}", "repositories_url": "https://HOSTNAME/teams/1/repos", "parent": null }]

Set team access restrictions &

Works with <u>GitHub Apps</u>

Protected branches are available in public repositories with GitHub Free and GitHub Free for organizations, and in public and private repositories with GitHub Pro, GitHub Team, GitHub Enterprise Cloud, and GitHub Enterprise Server. For more information, see <u>GitHub's products</u> in the GitHub Help documentation.

Replaces the list of teams that have push access to this branch. This removes all teams that previously had push access and grants push access to the new list of teams. Team restrictions include child teams.

Parameters for "Set team access restrictions"

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 <code>.git</code> extension. The name is not case sensitive.

branch string Required

The name of the branch. Cannot contain wildcard characters. To use wildcard characters in branch names, use the GraphQL API.

Body parameters

teams array of strings Required

The slug values for teams

HTTP response status codes for "Set team access restrictions"

Status code	Description
200	ОК
422	Validation failed, or the endpoint has been spammed.

Code samples for "Set team access restrictions"



Response

Example response Response schema

Status: 200

[{ "id": 1, "node_id": "MDQ6VGVhbTE=", "url": "https://HOSTNAME/teams/1", "html_url": "https://github.com/orgs/github/teams/justice-league", "name": "Justice League", "slug": "justice-league", "description": "A great team.", "privacy": "closed", "notification_setting": "notifications_enabled", "permission": "admin", "members_url": "https://HOSTNAME/teams/1/members{/members}", "repositories_url": "https://HOSTNAME/teams/1/repos", "parent": null }]

Remove team access restrictions &

Works with <u>GitHub Apps</u>

Protected branches are available in public repositories with GitHub Free and GitHub Free for organizations, and in public and private repositories with GitHub Pro, GitHub Team, GitHub Enterprise Cloud, and GitHub Enterprise Server. For more information, see GitHub's products in the GitHub Help documentation.

Removes the ability of a team to push to this branch. You can also remove push access for child teams.

Parameters for "Remove team access restrictions"

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 $\ensuremath{\,\text{.git}\,}$ extension. The name is not case sensitive.

branch string Required

 $The name of the branch. Cannot contain wildcard characters. To use wildcard characters in branch names, use \\ \underline{the GraphQL API}. \\$

Body parameters

teams array of strings Required

The slug values for teams

HTTP response status codes for "Remove team access restrictions"

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

Code samples for "Remove team access restrictions"

DELETE	/repos/{owner}/{repo}/branches/{branch}/protection/restrictions/teams	
cURL	JavaScript GitHub CLI	C
	\ -X DELETE \ -H "Accept: application/vnd.github+json" \ -H "Authorization: Bearer <your-token>" \ -H "X-GitHub-Api-Version: 2022-11-28" \ (HOSTNAME/api/v3/repos/OWNER/REPO/branches/BRANCH/protection/restrictions/teams \ -d '{"teams":["octocats"]}'</your-token>	

Response

Example response Response schema

Status: 200

[{ "id": 1, "node_id": "MDQ6VGVhbTE=", "url": "https://HOSTNAME/teams/1", "html_url": "https://github.com/orgs/github/teams/justice-league", "name": "Justice League", "slug": "justice-league", "description": "A great team.", "privacy": "closed", "notification_setting": "notifications_enabled", "permission": "admin", "members_url": "https://HOSTNAME/teams/1/members{/member}", "repositories_url": "https://HOSTNAME/teams/1/repos", "parent": null }]

Get users with access to the protected branch &

✓ Works with <u>GitHub Apps</u>

Protected branches are available in public repositories with GitHub Free and GitHub Free for organizations, and in public and private repositories with GitHub Pro, GitHub Team, GitHub Enterprise Cloud, and GitHub Enterprise Server. For more information, see GitHub's products in the GitHub Help documentation.

Lists the people who have push access to this branch.

Parameters for "Get users with access to the protected branch"

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 <code>.git</code> extension. The name is not case sensitive.

branch string Required

The name of the branch. Cannot contain wildcard characters. To use wildcard characters in branch names, use the GraphQL API.

HTTP response status codes for "Get users with access to the protected branch"

Status code	Description	
200	ОК	
404	Resource not found	

Code samples for "Get users with access to the protected branch"

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/branches/BRANCH/protection/restrictions/users

Response

Example response Response schema

Status: 200

[{ "login": "octocat", "id": 1, "node_id": "MDQ6VXNlcjE=", "avatar_url": "https://github.com/images/error/octocat_happy.gif", "gravatar_id": "", "url": "https://HOSTNAME/users/octocat", "html_url": "https://jithub.com/octocat", "followers_url": "https://HOSTNAME/users/octocat/followers", "following_url": "https://HOSTNAME/users/octocat/followers", "following_url": "https://HOSTNAME/users/octocat/starred_url": "https://HOSTNAME/users/octocat/starred_vowner}{/repos_url": "https://HOSTNAME/users/octocat/subscriptions", "organizations_url": "https://HOSTNAME/users/octocat/orgs", "repos_url": "https://HOSTNAME/users/octocat/repos", "events_url": "https://HOSTNAME/users/octocat/events{/privacy}", "received_events_url": "https://HOSTNAME/users/octocat/received_events", "type": "User", "site_admin": false }]

Add user access restrictions @

Works with <u>GitHub Apps</u>

Protected branches are available in public repositories with GitHub Free and GitHub Free for organizations, and in public and private repositories with GitHub Pro, GitHub Team, GitHub Enterprise Cloud, and GitHub Enterprise Server. For more information, see GitHub's products in the GitHub Help documentation.

Grants the specified people push access for this branch.

Туре	Description
array	Usernames for people who can have push access. Note : The list of users, apps, and teams in total is limited to 100 items.

Parameters for "Add user access restrictions"

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 <code>.git</code> extension. The name is not case sensitive.

branch string Required

The name of the branch. Cannot contain wildcard characters. To use wildcard characters in branch names, use the GraphQL API.

Body parameters

users array of strings Required

The username for users

HTTP response status codes for "Add user access restrictions"

Status code	Description
200	ок
422	Validation failed, or the endpoint has been spammed.

Code samples for "Add user access restrictions"



CUIT -E \ -A FUSI \ -n ACCEPT: apptICATION/VIO.9ITNOUTJSON \ -n AUTHOLIZATION. DEGLET STOUR-TOKENS \ -n A-OLIMOUTAPI-VELSION: Z0ZZ-11-Z0 \
http(s)://HOSTNAME/api/v3/repos/OWNER/REPO/branches/BRANCH/protection/restrictions/users \ -d '{"users":["octocat"]}'

Response

Example response Response schema

Status: 200

[{ "login": "octocat", "id": 1, "node_id": "MDQ6VXNlcjE=", "avatar_url": "https://github.com/images/error/octocat_happy.gif", "gravatar_id": "", "url": "https://HOSTNAME/users/octocat", "html_url": "https://github.com/octocat", "followers_url": "https://HOSTNAME/users/octocat/followers", "following_url": "https://HOSTNAME/users/octocat/following{/other_user}", "gists_url": "https://HOSTNAME/users/octocat/sgists_id)", "starred_url": "https://HOSTNAME/users/octocat/subscriptions_url": "https://HOSTNAME/users/octocat/subscriptions_url": "https://HOSTNAME/users/octocat/orgs", "repos_url": "https://HOSTNAME/users/octocat/repos", "events_url": "https://HOSTNAME/users/octocat/events{/privacy}", "received_events_url": "https://HOSTNAME/users/octocat/received_events", "type": "User", "site_admin": false }]

Set user access restrictions &

Works with GitHub Apps

Protected branches are available in public repositories with GitHub Free and GitHub Free for organizations, and in public and private repositories with GitHub Pro, GitHub Team, GitHub Enterprise Cloud, and GitHub Enterprise Server. For more information, see <u>GitHub's products</u> in the GitHub Help documentation

Replaces the list of people that have push access to this branch. This removes all people that previously had push access and grants push access to the new list of people.

Туре	Description
array	Usernames for people who can have push access. Note : The list of users, apps, and
	teams in total is limited to 100 items.

Parameters for "Set user access restrictions"

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 $\ensuremath{\mathsf{.git}}$ extension. The name is not case sensitive.

branch string Required

The name of the branch. Cannot contain wildcard characters. To use wildcard characters in branch names, use the GraphQL API.

Body parameters

users array of strings Required

The username for users

HTTP response status codes for "Set user access restrictions"

Status code	Description
200	ОК
422	Validation failed, or the endpoint has been spammed.

Code samples for "Set user access restrictions"



Response

Example response Response schema

Status: 200

[{ "login": "octocat", "id": 1, "node_id": "MDQ6VXNlcjE=", "avatar_url": "https://github.com/images/error/octocat_happy.gif", "gravatar_id": "", "url": "https://HOSTNAME/users/octocat*, "html_url": "https://jithub.com/octocat*, "followers_url": "https://HOSTNAME/users/octocat/followers", "following_url": "https://HOSTNAME/users/octocat/followers", "following_url": "https://HOSTNAME/users/octocat/followers", "gists_url": "https://HOSTNAME/users/octocat/subscriptions", "organizations_url": "https://HOSTNAME/users/octocat/subscriptions", "organizations_url": "https://HOSTNAME/users/octocat/orgs", "repos_url": "https://HOSTNAME/users/octocat/repos", "events_url": "https://HOSTNAME/users/octocat/events{/privacy}", "received_events_url": "https://HOSTNAME/users/octocat/received_events", "type": "User", "site_admin": false }]

Remove user access restrictions @

Works with GitHub Apps

Protected branches are available in public repositories with GitHub Free and GitHub Free for organizations, and in public and private repositories with GitHub Pro, GitHub Team, GitHub Enterprise Cloud, and GitHub Enterprise Server. For more information, see GitHub's products in the GitHub Help documentation.

Removes the ability of a user to push to this branch.

Туре	Description
array	Usernames of the people who should no longer have push access. Note : The list of users, apps, and teams in total is limited to 100 items.

Parameters for "Remove user access restrictions"

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 $\ensuremath{\,\text{.git}\,}$ extension. The name is not case sensitive.

branch string Required

 $The name of the branch. Cannot contain wildcard characters. To use wildcard characters in branch names, use \underline{the GraphQL\ API}.$

Body parameters

users array of strings Required

The username for users

HTTP response status codes for "Remove user access restrictions"

Status code	Description
200	ОК
422	Validation failed or the endnoint has been snammed

Code samples for "Remove user access restrictions"



Response

Example response	Response schema		

```
Status: 200

[ { "login": "octocat", "id": 1, "node_id": "MDQ6VXNlcjE=", "avatar_url": "https://github.com/images/error/octocat_happy.gif", "gravatar_id": "", "url":
    "https://HOSTNAME/users/octocat", "html_url": "https://github.com/octocat", "followers_url": "https://HOSTNAME/users/octocat/followers", "following_url":
    "https://HOSTNAME/users/octocat/following{/other_user}", "gists_url": "https://HOSTNAME/users/octocat/gists{/gist_id}", "starred_url":
    "https://HOSTNAME/users/octocat/starred{/owner}{/repo}", "subscriptions_url": "https://HOSTNAME/users/octocat/subscriptions", "organizations_url":
    "https://HOSTNAME/users/octocat/orgs", "repos_url": "https://HOSTNAME/users/octocat/repos", "events_url": "https://HOSTNAME/users/octocat/events{/privacy}",
    "received_events_url": "https://HOSTNAME/users/octocat/received_events", "type": "User", "site_admin": false } ]
```

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