



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

# **Self-hosted runner groups**

Use the REST API to interact with self-hosted runner groups for GitHub Actions.

# About self-hosted runner groups in GitHub Actions &

You can use the REST API to manage groups of self-hosted runners in GitHub Actions. For more information, see "Managing access to self-hosted runners using groups."

These endpoints are available for authenticated users, OAuth apps, and GitHub Apps. Access tokens require repositories and public\_reposcope for public repositories. GitHub Apps must have the administration permission for repositories or the organization\_self\_hosted\_runners permission for organizations. Authenticated users must have admin access to repositories or organizations, or the manage\_runners:enterprise scope for enterprises to use these endpoints.

# List self-hosted runner groups for an enterprise &

Lists all self-hosted runner groups for an enterprise.

You must authenticate using an access token with the manage runners:enterprise scope to use this endpoint.

#### Parameters for "List self-hosted runner groups for an enterprise"

#### Headers

accept string

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

#### Path parameters

enterprise string Required

The slug version of the enterprise name. You can also substitute this value with the enterprise id.

## **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

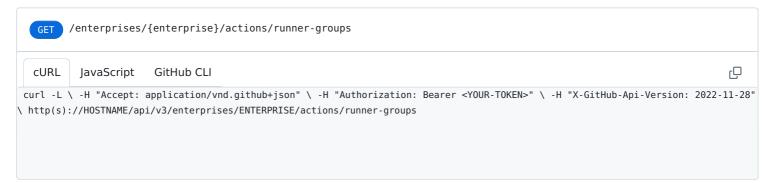
visible\_to\_organization string

Only return runner groups that are allowed to be used by this organization.

### HTTP response status codes for "List self-hosted runner groups for an enterprise"

Status code	Description
200	ОК

#### Code samples for "List self-hosted runner groups for an enterprise"



#### Response

```
Example response Response schema

Status: 200

{ "total_count": 3, "runner_groups": [ { "id": 1, "name": "Default", "visibility": "all", "default": true, "runners_url": "https://HOSTNAME/enterprises/octo-corp/actions/runner_groups/1/runners", "allows_public_repositories": false, "restricted_to_workflows": false, "selected_workflows": [], "workflow_restrictions_read_only": false }, { "id": 2, "name": "octo-runner-group", "visibility": "selected", "default": false, "selected_organizations_url": "https://HOSTNAME/enterprises/octo-corp/actions/runner_groups/2/organizations", "runners_url": "https://HOSTNAME/enterprises/octo-corp/actions/runner_groups/2/runners", "allows_public_repositories": true, "restricted_to_workflows": true, "selected_workflows": []

**Total_count": "https://HOSTNAME/enterprises/octo-runner_groups/2/organizations", "runners_url": "https://HOSTNAME/enterprises/octo-corp/actions/runner_groups/2/runners", "allows_public_repositories": true, "restricted_to_workflows": true, "selected_workflows": []

**Total_count": "https://HOSTNAME/enterprises/octo-corp/actions/runner_groups/2/organizations", "runners_url": "https://HOSTNAME/enterprises/octo-corp/actions/runner_groups/2/runners", "allows_public_repositories": true, "restricted_to_workflows": true, "selected_workflows": []
```

# Create a self-hosted runner group for an enterprise &

Creates a new self-hosted runner group for an enterprise.

You must authenticate using an access token with the manage runners:enterprise scope to use this endpoint.

## Parameters for "Create a self-hosted runner group for an enterprise"

#### Headers

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

#### Path parameters

enterprise string Required

The slug version of the enterprise name. You can also substitute this value with the enterprise id.

he diag relation of the enterprise name, for can also dabbattate and raide man the enterprise ian

#### **Body parameters**

name string Required

Name of the runner group.

visibility string

Visibility of a runner group. You can select all organizations or select individual organization.

Can be one of: selected, all

selected\_organization\_ids array of integers

List of organization IDs that can access the runner group.

runners array of integers

List of runner IDs to add to the runner group.

allows\_public\_repositories boolean

Whether the runner group can be used by public repositories.

Default: false

restricted\_to\_workflows boolean

If true, the runner group will be restricted to running only the workflows specified in the selected\_workflows array.

Default: false

selected\_workflows array of strings

List of workflows the runner group should be allowed to run. This setting will be ignored unless <code>restricted\_to\_workflows</code> is set to true.

## HTTP response status codes for "Create a self-hosted runner group for an enterprise"

Status code Description

201 Created

## Code samples for "Create a self-hosted runner group for an enterprise"

POST /enterprises/{enterprise}/actions/runner-groups

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/enterprises/ENTERPRISE/actions/runner-groups \ -d '{"name":"Expensive hardware

ф

runners", "visibility": "selected", "selected\_organization\_ids": [32,91], "runners": [9,2]}'

## Response

Example response Response schema

Status: 201

{ "id": 2, "name": "octo-runner-group", "visibility": "selected", "default": false, "selected\_organizations\_url":

"https://HOSTNAME/enterprises/octo-corp/actions/runner-groups/2/organizations", "runners\_url": "https://HOSTNAME/enterprises/octo-corp/actions/runner-groups/2/runners", "allows\_public\_repositories": false, "restricted\_to\_workflows": true, "selected\_workflows": [
"octo-org/octo-repo/.github/workflows/deploy.yaml@refs/heads/main" ], "workflow\_restrictions\_read\_only": false }

# Get a self-hosted runner group for an enterprise &

Gets a specific self-hosted runner group for an enterprise.

You must authenticate using an access token with the manage runners:enterprise scope to use this endpoint.

## Parameters for "Get a self-hosted runner group for an enterprise"

#### **Headers**

accept string

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

#### Path parameters

enterprise string Required

The slug version of the enterprise name. You can also substitute this value with the enterprise id.

runner\_group\_id integer Required

Unique identifier of the self-hosted runner group.

## HTTP response status codes for "Get a self-hosted runner group for an enterprise"

Status code Description

200 OK

## Code samples for "Get a self-hosted runner group for an enterprise"

/enterprises/{enterprise}/actions/runner-groups/{runner\_group\_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/enterprises/ENTERPRISE/actions/runner-groups/RUNNER\_GROUP\_ID

## Response

Example response Response schema

Status: 200

{ "id": 2, "name": "octo-runner-group", "visibility": "selected", "default": false, "selected\_organizations\_url":

"nttps://HUSINAME/enterprises/octo-corp/actions/runner-groups/2/organizations", "runners\_url": "https://HUSINAME/enterprises/octo-corp/actions/runner-groups/2/runners", "allows\_public\_repositories": false, "restricted\_to\_workflows": true, "selected\_workflows": [
"octo-org/octo-repo/.github/workflows/deploy.yaml@refs/heads/main" ], "workflow\_restrictions\_read\_only": false }

# Update a self-hosted runner group for an enterprise &

Updates the name and visibility of a self-hosted runner group in an enterprise.

You must authenticate using an access token with the manage runners:enterprise scope to use this endpoint.

## Parameters for "Update a self-hosted runner group for an enterprise"

#### Headers

accept string

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

#### Path parameters

enterprise string Required

The slug version of the enterprise name. You can also substitute this value with the enterprise id.

runner\_group\_id integer Required

Unique identifier of the self-hosted runner group.

#### **Body parameters**

name string

Name of the runner group.

visibility string

Visibility of a runner group. You can select all organizations or select individual organizations.

Default: all

Can be one of: selected, all

allows\_public\_repositories boolean

Whether the runner group can be used by public repositories.

Default: false

restricted to workflows boolean

If true, the runner group will be restricted to running only the workflows specified in the selected\_workflows array.

Default: false

selected workflows array of strings

List of workflows the runner group should be allowed to run. This setting will be ignored unless <code>restricted\_to\_workflows</code> is set to true .

## HTTP response status codes for "Update a self-hosted runner group for an enterprise"

Status code	Description
200	ОК

## Code samples for "Update a self-hosted runner group for an enterprise"



#### Response

Example response Response schema

Status: 200

{ "id": 2, "name": "Expensive hardware runners", "visibility": "selected", "default": false, "selected\_organizations\_url": "https://HOSTNAME/enterprises/octo-corp/actions/runner-groups/2/organizations", "runners\_url": "https://HOSTNAME/enterprises/octo-corp/actions/runner-groups/2/runners", "allows\_public\_repositories": true, "restricted\_to\_workflows": false, "selected\_workflows": [ "octo-org/octo-repo/.github/workflows/deploy.yaml@refs/heads/main" ], "workflow\_restrictions\_read\_only": false }

# Delete a self-hosted runner group from an enterprise $\mathscr {E}$

Deletes a self-hosted runner group for an enterprise.

You must authenticate using an access token with the manage runners:enterprise scope to use this endpoint.

## Parameters for "Delete a self-hosted runner group from an enterprise"

#### **Headers**

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

#### **Path parameters**

enterprise string Required

The slug version of the enterprise name. You can also substitute this value with the enterprise id.

Unique identifier of the self-hosted runner group.

## HTTP response status codes for "Delete a self-hosted runner group from an enterprise"

Status code	Description
204	No Content

## Code samples for "Delete a self-hosted runner group from an enterprise"



#### Response

Status: 204

# List organization access to a self-hosted runner group in an enterprise



Lists the organizations with access to a self-hosted runner group.

You must authenticate using an access token with the <code>manage\_runners:enterprise</code> scope to use this endpoint.

## Parameters for "List organization access to a self-hosted runner group in an enterprise"

#### **Headers**

accept string

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

#### **Path parameters**

enterprise string Required

The slug version of the enterprise name. You can also substitute this value with the enterprise id.

runner\_group\_id integer Required

Unique identifier of the self-hosted runner group.

#### **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 "List organization access to a self-hosted runner group in an enterprise"

Status code Description

200 OK

Code samples for "List organization access to a self-hosted runner group in an enterprise"



#### Response

Example response Response schema

Status: 200

{ "total\_count": 1, "organizations": [ { "login": "octocat", "id": 161335, "node\_id": "MDEwOlJlcG9zaXRvcnkxMjk2MjY5", "url": "https://HOSTNAME/orgs/octo-org/repos", "events\_url": "https://HOSTNAME/orgs/octo-org/events", "hooks\_url": "https://HOSTNAME/orgs/octo-org/hooks", "issues\_url": "https://HOSTNAME/orgs/octo-org/issues", "members\_url": "https://HOSTNAME/orgs/octo-org/members{/member}", "public\_members\_url": "https://HOSTNAME/orgs/octo-org/public\_members{/member}", "avatar\_url": "https://github.com/images/error/octocat\_happy.gif", "description": "A great organization" } ] }

# Set organization access for a self-hosted runner group in an enterprise $\mathscr O$

Replaces the list of organizations that have access to a self-hosted runner configured in an enterprise.

You must authenticate using an access token with the manage\_runners:enterprise scope to use this endpoint.

Parameters for "Set organization access for a self-hosted runner group in an enterprise"

#### **Headers**

accept string

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

#### Path parameters

enterprise string Required

The slug version of the enterprise name. You can also substitute this value with the enterprise id.

runner\_group\_id integer Required

Unique identifier of the self-hosted runner group.

#### **Body parameters**

selected\_organization\_ids array of integers Required

List of organization IDs that can access the runner group.

## HTTP response status codes for "Set organization access for a self-hosted runner group in an enterprise"

Status code	Description
204	No Content

## Code samples for "Set organization access for a self-hosted runner group in an enterprise"



## Response

Status: 204

# Add organization access to a self-hosted runner group in an enterprise

ð

Adds an organization to the list of selected organizations that can access a self-hosted runner group. The runner group must have visibility set to selected. For more information, see "Create a self-hosted runner group for an enterprise."

You must authenticate using an access token with the manage\_runners:enterprise scope to use this endpoint.

## Parameters for "Add organization access to a self-hosted runner group in an enterprise"

#### **Headers**

accept string

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

#### Path parameters

enterprise string Required

The slug version of the enterprise name. You can also substitute this value with the enterprise id.

runner group id integer Required

Unique identifier of the self-hosted runner group.

org id integer Required

The unique identifier of the organization.

HTTP response status codes for "Add organization access to a self-hosted runner group in an enterprise"

**Description** Status code

No Content 204

Code samples for "Add organization access to a self-hosted runner group in an enterprise"

/enterprises/{enterprise}/actions/runner-groups/{runner\_group\_id}/organizations/{org\_id}

cURL GitHub CLI JavaScript

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/enterprises/ENTERPRISE/actions/runner-groups/RUNNER\_GROUP\_ID/organizations/ORG\_ID

ſĠ

## Response

Status: 204

# Remove organization access to a self-hosted runner group in an enterprise &

Removes an organization from the list of selected organizations that can access a self-hosted runner group. The runner group must have visibility set to selected . For more information, see "Create a self-hosted runner group for an enterprise."

You must authenticate using an access token with the manage runners:enterprise scope to use this endpoint.

Parameters for "Remove organization access to a self-hosted runner group in an enterprise"

#### Headers

accept string

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

#### Path parameters

enterprise string Required

The slug version of the enterprise name. You can also substitute this value with the enterprise id.

runner\_group\_id integer Required

Unique identifier of the self-hosted runner group.

org\_id integer Required

The unique identifier of the organization.

# HTTP response status codes for "Remove organization access to a self-hosted runner group in an enterprise"

Status code Description

No Content

## Code samples for "Remove organization access to a self-hosted runner group in an enterprise"

/enterprises/{enterprise}/actions/runner-groups/{runner\_group\_id}/organizations/{org\_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/enterprises/ENTERPRISE/actions/runner-groups/RUNNER\_GROUP\_ID/organizations/ORG\_ID

ſŪ

## Response

Status: 204

# List self-hosted runners in a group for an enterprise ${\mathscr O}$

Lists the self-hosted runners that are in a specific enterprise group.

You must authenticate using an access token with the manage\_runners:enterprise scope to use this endpoint.

## Parameters for "List self-hosted runners in a group for an enterprise"

#### **Headers**

accept string

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

#### Path parameters

enterprise string Required

The slug version of the enterprise name. You can also substitute this value with the enterprise id.

runner\_group\_id integer Required

Unique identifier of the self-hosted runner group.

#### **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 "List self-hosted runners in a group for an enterprise"

Status code Description

200

## Code samples for "List self-hosted runners in a group for an enterprise"

/ /enterprises/{enterprise}/actions/runner-groups/{runner\_group\_id}/runners

cURL JavaScript GitHub CLI

OK

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/enterprises/ENTERPRISE/actions/runner-groups/RUNNER\_GROUP\_ID/runners

#### Response

Example response Response schema

Status: 200

{ "total\_count": 2, "runners": [ { "id": 23, "name": "linux\_runner", "os": "linux", "status": "online", "busy": true, "labels": [ { "id": 5, "name": "self-hosted", "type": "read-only" }, { "id": 7, "name": "X64", "type": "read-only" }, { "id": 11, "name": "Linux", "type": "read-only" } ] }, { "id": 24, "name": "mac\_runner", "os": "macos", "status": "offline", "busy": false, "labels": [ { "id": 5, "name": "self-hosted", "type": "read-only" }, { "id": 7, "name": "X64", "type": "read-only" }, { "id": 20, "name": "macOS", "type": "read-only" }, { "id": 21, "name": "no-gpu", "type": "custom" } ] } ] }

# Set self-hosted runners in a group for an enterprise &

neplaces the list of self-hosted runners that are part of an enterprise runner group.

You must authenticate using an access token with the manage\_runners:enterprise scope to use this endpoint.

## Parameters for "Set self-hosted runners in a group for an enterprise"

#### **Headers**

accept string

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

#### **Path parameters**

enterprise string Required

The slug version of the enterprise name. You can also substitute this value with the enterprise id.

runner\_group\_id integer Required

Unique identifier of the self-hosted runner group.

## **Body parameters**

runners array of integers Required

List of runner IDs to add to the runner group.

## HTTP response status codes for "Set self-hosted runners in a group for an enterprise"

Status code **Description** 

204 No Content

## Code samples for "Set self-hosted runners in a group for an enterprise"

/enterprises/{enterprise}/actions/runner-groups/{runner\_group\_id}/runners

cURL JavaScript GitHub CLI

ſŌ 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/enterprises/ENTERPRISE/actions/runner-groups/RUNNER\_GROUP\_ID/runners \ -d '{"runners": [9,2]}'

## Response

Status: 204

# Add a self-hosted runner to a group for an enterprise &

Adds a self-hosted runner to a runner group configured in an enterprise.

You must authenticate using an access token with the manage\_runners:enterprise scope to use this endpoint.

#### Parameters for "Add a self-hosted runner to a group for an enterprise"

#### Headers

accept string

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

#### Path parameters

enterprise string Required

The slug version of the enterprise name. You can also substitute this value with the enterprise id.

runner\_group\_id integer Required

Unique identifier of the self-hosted runner group.

runner\_id integer Required

Unique identifier of the self-hosted runner.

## HTTP response status codes for "Add a self-hosted runner to a group for an enterprise"

Status code Description

No Content

## Code samples for "Add a self-hosted runner to a group for an enterprise"

/enterprises/{enterprise}/actions/runner-groups/{runner\_group\_id}/runners/{runner\_id}

cURL JavaScript GitHub CLI

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/enterprises/ENTERPRISE/actions/runner-groups/RUNNER\_GROUP\_ID/runners/RUNNER\_ID

Q

## Response

Status: 204

# Remove a self-hosted runner from a group for an enterprise &

Removes a self-hosted runner from a group configured in an enterprise. The runner is then returned to the default group.

You must authenticate using an access token with the manage runners:enterprise scope to use this endpoint.

## Parameters for "Remove a self-hosted runner from a group for an enterprise"

#### **Headers**

accept string

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

#### **Path parameters**

enterprise string Required

The slug version of the enterprise name. You can also substitute this value with the enterprise id.

runner\_group\_id integer Required

Unique identifier of the self-hosted runner group.

runner id integer Required

Unique identifier of the self-hosted runner.

## HTTP response status codes for "Remove a self-hosted runner from a group for an enterprise"

Status code Description

No Content

#### Code samples for "Remove a self-hosted runner from a group for an enterprise"

DELETE /enterprises/{enterprise}/actions/runner-groups/{runner\_group\_id}/runners/{runner\_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/enterprises/ENTERPRISE/actions/runner-groups/RUNNER\_GROUP\_ID/runners/RUNNER\_ID

ري

#### Response

Status: 204

# List self-hosted runner groups for an organization ∂

✓ Works with <u>GitHub Apps</u>

Lists all self-hosted runner groups configured in an organization and inherited from an enterprise.

You must authenticate using an access token with the admin:org scope to use this endpoint.

## Parameters for "List self-hosted runner groups 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

visible\_to\_repository string

Only return runner groups that are allowed to be used by this repository.

## HTTP response status codes for "List self-hosted runner groups for an organization"

Status code Description

200 OK

## Code samples for "List self-hosted runner groups for an organization"

GET /orgs/{org}/actions/runner-groups

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"

ф

\ http(s)://HOSTNAME/api/v3/orgs/ORG/actions/runner-groups

## Response

Example response Response schema

Status: 200

{ "total\_count": 3, "runner\_groups": [ { "id": 1, "name": "Default", "visibility": "all", "default": true, "runners\_url": "https://HOSTNAME/orgs/octo-org/actions/runner\_groups/1/runners", "inherited": false, "allows\_public\_repositories": true, "restricted\_to\_workflows": false, "selected\_workflows": [], "workflow\_restrictions\_read\_only": false }, { "id": 2, "name": "octo-runner-group", "visibility": "selected", "default": false, "selected\_repositories\_url": "https://HOSTNAME/orgs/octo-org/actions/runner\_groups/2/repositories", "runners\_url": "https://HOSTNAME/orgs/octo-org/actions/runner\_groups/2/runners", "inherited": true, "allows\_public\_repositories": true, "restricted\_to\_workflows": true, "selected\_workflows": [ "octo-org/octo-

## Create a self-hosted runner group for an organization &

## ✓ Works with <u>GitHub Apps</u>

Creates a new self-hosted runner group for an organization.

You must authenticate using an access token with the admin:org scope to use this endpoint.

## Parameters for "Create a self-hosted runner group 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.

## **Body parameters**

name string Required

Name of the runner group.

visibility string

Visibility of a runner group. You can select all repositories, select individual repositories, or limit access to private repositories.

Default: all

Can be one of: selected, all, private

selected\_repository\_ids array of integers

List of repository IDs that can access the runner group.

runners array of integers

List of runner IDs to add to the runner group.

allows\_public\_repositories boolean

Whether the runner group can be used by public repositories.

Default: false

restricted\_to\_workflows boolean

If true, the runner group will be restricted to running only the workflows specified in the selected\_workflows array.

Default: false

selected\_workflows array of strings

List of workflows the runner group should be allowed to run. This setting will be ignored unless <code>restricted\_to\_workflows</code> is set to true .

## HTTP response status codes for "Create a self-hosted runner group for an organization"

Status code Description

201 Created

## Code samples for "Create a self-hosted runner group for an organization"



#### Response

Example response Response schema

Status: 201

{ "id": 2, "name": "octo-runner-group", "visibility": "selected", "default": false, "selected\_repositories\_url": "https://HOSTNAME/orgs/octo-org/actions/runner-groups/2/repositories", "runners\_url": "https://HOSTNAME/orgs/octo-org/actions/runner\_groups/2/runners", "inherited": false, "allows\_public\_repositories": true, "restricted\_to\_workflows": true, "selected\_workflows": [ "octo-org/octo-repo/.github/workflows/deploy.yaml@refs/heads/main" ], "workflow\_restrictions\_read\_only": false }

# Get a self-hosted runner group for an organization &

Works with GitHub Apps

Gets a specific self-hosted runner group for an organization.

You must authenticate using an access token with the admin:org scope to use this endpoint.

## Parameters for "Get a self-hosted runner group 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.

runner\_group\_id integer Required

Unique identifier of the self-hosted runner aroun

ornique racrianter or are our rioosed ratiner group.

## HTTP response status codes for "Get a self-hosted runner group for an organization"

Status code	Description
200	ОК

### Code samples for "Get a self-hosted runner group for an organization"



## Response

```
Example response Response schema

Status: 200

{ "id": 2, "name": "octo-runner-group", "visibility": "selected", "default": false, "selected_repositories_url": "https://HOSTNAME/orgs/octo-org/actions/runner_groups/2/repositories", "runners_url": "https://HOSTNAME/orgs/octo-org/actions/runner_groups/2/runners", "inherited": false, "allows_public_repositories": true, "restricted_to_workflows": true, "selected_workflows": [ "octo-org/octo-repo/.github/workflows/deploy.yaml@refs/heads/main" ], "workflow_restrictions_read_only": false }
```

# Update a self-hosted runner group for an organization &

Works with <u>GitHub Apps</u>

Updates the name and visibility of a self-hosted runner group in an organization.

You must authenticate using an access token with the admin:org scope to use this endpoint.

## Parameters for "Update a self-hosted runner group 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.

runner\_group\_id integer Required

Unique identifier of the self-hosted runner group.

#### **Body parameters**

name string Required

Name of the runner group.

visibility string

Visibility of a runner group. You can select all repositories, select individual repositories, or all private repositories.

Can be one of: selected, all, private

allows public repositories boolean

Whether the runner group can be used by public repositories.

Default: false

restricted to workflows boolean

If true, the runner group will be restricted to running only the workflows specified in the selected\_workflows array.

Default: false

selected\_workflows array of strings

List of workflows the runner group should be allowed to run. This setting will be ignored unless <code>restricted\_to\_workflows</code> is set to true.

## HTTP response status codes for "Update a self-hosted runner group for an organization"

Status code	Description
200	OK

## Code samples for "Update a self-hosted runner group for an organization"



#### Response

Example response Response schema

Status: 200

{ "id": 2, "name": "octo-runner-group", "visibility": "selected", "default": false, "selected\_repositories\_url": "https://HOSTNAME/orgs/octo-org/actions/runner-groups/2/repositories", "runners\_url": "https://HOSTNAME/orgs/octo-org/actions/runner\_groups/2/runners", "inherited": false, "allows\_public\_repositories": true, "restricted\_to\_workflows": true, "selected\_workflows": [ "octo-org/octo-repo/.github/workflows/deploy.yaml@refs/heads/main" ], "workflow\_restrictions\_read\_only": false }

## Delete a self-hosted runner group from an organization &

## Works with <u>GitHub Apps</u>

Deletes a self-hosted runner group for an organization.

You must authenticate using an access token with the admin:org scope to use this endpoint.

## Parameters for "Delete a self-hosted runner group from 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.

runner\_group\_id integer Required

Unique identifier of the self-hosted runner group.

## HTTP response status codes for "Delete a self-hosted runner group from an organization"

Status code Description

204 No Content

## Code samples for "Delete a self-hosted runner group from an organization"

DELETE /orgs/{org}/actions/runner-groups/{runner\_group\_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/actions/runner-groups/RUNNER\_GROUP\_ID

### Response

Status: 204



## Works with <u>GitHub Apps</u>

Lists the repositories with access to a self-hosted runner group configured in an organization.

You must authenticate using an access token with the admin:org scope to use this endpoint.

#### Parameters for "List repository access to a self-hosted runner group in 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.

runner\_group\_id integer Required

Unique identifier of the self-hosted runner group.

#### **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 repository access to a self-hosted runner group in an organization"

Status code	Description
200	OK

## Code samples for "List repository access to a self-hosted runner group in an organization"



```
Example response Response schema

Status: 200

{ "total_count": 1, "repositories": [ { "id": 1296269, "node_id": "MDEwOlJlcG9zaXRvcnkxMjk2MjY5", "name": "Hello-World", "full_name": "octocat/Hello-World", "owner": { "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://HOSTNAME/users/octocat", "following_url": "https://HOSTNAME/users/octocat/following_vrl": "https://HOSTNAME/users/octocat/gists{/gist_id}", "starred_url": "https://HOSTNAME/users/octocat/starred{/owner}{/repo}", "subscriptions_url":
```

# Set repository access for a self-hosted runner group in an organization



Works with GitHub Apps

Replaces the list of repositories that have access to a self-hosted runner group configured in an organization.

You must authenticate using an access token with the admin:org scope to use this endpoint.

Parameters for "Set repository access for a self-hosted runner group in 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.

runner\_group\_id integer Required

Unique identifier of the self-hosted runner group.

#### **Body parameters**

selected\_repository\_ids array of integers Required

List of repository IDs that can access the runner group.

HTTP response status codes for "Set repository access for a self-hosted runner group in an organization"

Status code Description

204 No Content

Code samples for "Set repository access for a self-hosted runner group in an organization"

PUT /orgs/{org}/actions/runner-groups/{runner\_group\_id}/repositories

cURI JavaScript GitHub CU

٦٦

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/orgs/ORG/actions/runner-groups/RUNNER\_GROUP\_ID/repositories \ -d '{"selected\_repository\_ids":
[32,91]}'

تا

#### Response

Status: 204

# Add repository access to a self-hosted runner group in an organization



## Works with <u>GitHub Apps</u>

Adds a repository to the list of selected repositories that can access a self-hosted runner group. The runner group must have visibility set to selected. For more information, see "Create a self-hosted runner group for an organization."

You must authenticate using an access token with the admin:org scope to use this endpoint.

## Parameters for "Add repository access to a self-hosted runner group in 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.

runner\_group\_id integer Required

Unique identifier of the self-hosted runner group.

repository\_id integer Required

The unique identifier of the repository.

## HTTP response status codes for "Add repository access to a self-hosted runner group in an organization"

Status code	Description
204	No Content

Code samples for "Add repository access to a self-hosted runner group in an organization"

/Orgs/{org}/actions/runner-groups/{runner\_group\_id}/repositories/{repository\_id}

CURL JavaScript GitHub CLI

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/orgs/ORG/actions/runner-groups/RUNNER\_GROUP\_ID/repositories/REPOSITORY\_ID

## Response

Status: 204

# Remove repository access to a self-hosted runner group in an organization $\mathscr O$

Works with GitHub Apps

Removes a repository from the list of selected repositories that can access a self-hosted runner group. The runner group must have visibility set to selected. For more information, see "Create a self-hosted runner group for an organization."

You must authenticate using an access token with the admin:org scope to use this endpoint.

Parameters for "Remove repository access to a self-hosted runner group in 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.

runner\_group\_id integer Required

Unique identifier of the self-hosted runner group.

repository\_id integer Required

The unique identifier of the repository.

# HTTP response status codes for "Remove repository access to a self-hosted runner group in an organization"

Status code Description

No Content

## Code samples for "Remove repository access to a self-hosted runner group in an organization"

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/actions/runner-groups/RUNNER\_GROUP\_ID/repositories/REPOSITORY\_ID

## Response

Status: 204

# List self-hosted runners in a group for an organization &

Works with GitHub Apps

Lists self-hosted runners that are in a specific organization group.

You must authenticate using an access token with the admin:org scope to use this endpoint.

## Parameters for "List self-hosted runners in a group 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.

runner\_group\_id integer Required

Unique identifier of the self-hosted runner group.

#### **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 "List self-hosted runners in a group for an organization"

Status code	Description
200	ОК

### Code samples for "List self-hosted runners in a group for an organization"



#### Response

```
Example response Response schema

Status: 200

{ "total_count": 2, "runners": [ { "id": 23, "name": "linux_runner", "os": "linux", "status": "online", "busy": true, "labels": [ { "id": 5, "name": "self-hosted", "type": "read-only" }, { "id": 7, "name": "X64", "type": "read-only" }, { "id": 11, "name": "Linux", "type": "read-only" } ] }, { "id": 24, "name": "mac_runner", "os": "macos", "status": "offline", "busy": false, "labels": [ { "id": 5, "name": "self-hosted", "type": "read-only" }, { "id": 7, "name": "X64", "type": "read-only" }, { "id": 20, "name": "macOS", "type": "read-only" }, { "id": 21, "name": "no-gpu", "type": "custom" } ] } ] }
```

# Set self-hosted runners in a group for an organization ∂

Works with <u>GitHub Apps</u>

Replaces the list of self-hosted runners that are part of an organization runner group.

You must authenticate using an access token with the admin:org scope to use this endpoint.

#### Parameters for "Set self-hosted runners in a group 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.

runner aroup id integer Required

Unique identifier of the self-hosted runner group.

#### **Body parameters**

runners array of integers Required

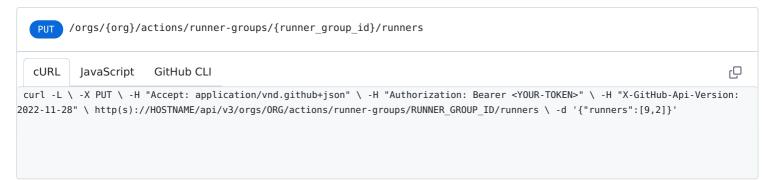
List of runner IDs to add to the runner group.

## HTTP response status codes for "Set self-hosted runners in a group for an organization"

Status code Description

204 No Content

## Code samples for "Set self-hosted runners in a group for an organization"



## Response

Status: 204

# Add a self-hosted runner to a group for an organization @

■ Works with GitHub Apps

Adds a self-hosted runner to a runner group configured in an organization.

You must authenticate using an access token with the admin:org scope to use this endpoint.

#### Parameters for "Add a self-hosted runner to a group 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.

runner\_group\_id integer Required

Unique identifier of the self-hosted runner group.

runner id integer Required

Unique identifier of the self-hosted runner.

## HTTP response status codes for "Add a self-hosted runner to a group for an organization"

Status code Description

204 No Content

## Code samples for "Add a self-hosted runner to a group for an organization"



## Response

Status: 204

# Remove a self-hosted runner from a group for an organization &

Works with <u>GitHub Apps</u>

Removes a self-hosted runner from a group configured in an organization. The runner is then returned to the default group.

You must authenticate using an access token with the admin:org scope to use this endpoint.

## Parameters for "Remove a self-hosted runner from a group 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.

runner group id integer Required

Unique identifier of the self-hosted runner group.

runner\_id integer Required
Unique identifier of the self-hosted runner.

HTTP response status codes for "Remove a self-hosted runner from a group for an organization"

Status code Description

204 No Content

Code samples for "Remove a self-hosted runner from a group for an organization"

DELETE /orgs/{org}/actions/runner-groups/{runner\_group\_id}/runners/{runner\_id}

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/actions/runner-groups/RUNNER\_GROUP\_ID/runners/RUNNER\_ID

#### Response

Status: 204

## Legal

© 2023 GitHub, Inc. <u>Terms</u> <u>Privacy</u> <u>Status</u> <u>Pricing</u> <u>Expert services</u> <u>Blog</u>