

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

# GitHub Actions OIDC

Use the REST API to interact with JWTs for OIDC subject claims in GitHub Actions.

## About GitHub Actions OIDC

You can use the REST API to query and manage a customization template for an OpenID Connect (OIDC) subject claim. For more information, see "[About security hardening with OpenID Connect](#)."

## Set the GitHub Actions OIDC custom issuer policy for an enterprise

Sets the GitHub Actions OpenID Connect (OIDC) custom issuer policy for an enterprise. You must authenticate using an access token with the `admin:enterprise` scope to use this endpoint.

### Parameters for "Set the GitHub Actions OIDC custom issuer policy 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.

#### Body parameters

`include_enterprise_slug` boolean  
Whether the enterprise customer requested a custom issuer URL.

### HTTP response status codes for "Set the GitHub Actions OIDC custom issuer policy for an enterprise"

| Status code | Description |
|-------------|-------------|
| 204         | No Content  |

### Code samples for "Set the GitHub Actions OIDC custom issuer policy for an enterprise"

```
PUT /enterprises/{enterprise}/actions/oidc/customization/issuer
```

cURLJavaScriptGitHub CLI

```
curl -L \ -X PUT \ -H "Accept: application/vnd.github+json" \ -H "Authorization: Bearer <YOUR-TOKEN>" \ -H "X-GitHub-API-Version: 2022-11-28" \ https://api.github.com/enterprises/ENTERPRISE/actions/oidc/customization/issuer \ -d '{"include_enterprise_slug":true}'
```

Response

Status: 204

# Get the customization template for an OIDC subject claim for an organization

✔ Works with [GitHub Apps](#)

Gets the customization template for an OpenID Connect (OIDC) subject claim. You must authenticate using an access token with the `read:org` scope to use this endpoint. GitHub Apps must have the `organization_administration:write` permission to use this endpoint.

## Parameters for "Get the customization template for an OIDC subject claim 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.

## HTTP response status codes for "Get the customization template for an OIDC subject claim for an organization"

| Status code | Description   |
|-------------|---|
| 200         | A JSON serialized template for OIDC subject claim customization |

## Code samples for "Get the customization template for an OIDC subject claim for an organization"

GET/orgs/{org}/actions/oidc/customization/sub

cURLJavaScriptGitHub CLI

```
curl -L \ -H "Accept: application/vnd.github+json" \ -H "Authorization: Bearer <YOUR-TOKEN>" \ -H "X-GitHub-API-Version: 2022-11-28" \ https://api.github.com/orgs/ORG/actions/oidc/customization/sub
```

A JSON serialized template for OIDC subject claim customization

Example response

Response schema

Status: 200

{ "include\_claim\_keys": [ "repo", "context" ] }

## Set the customization template for an OIDC subject claim for an organization

✔ Works with [GitHub Apps](#)

Creates or updates the customization template for an OpenID Connect (OIDC) subject claim. You must authenticate using an access token with the `write:org` scope to use this endpoint. GitHub Apps must have the `admin:org` permission to use this endpoint.

### Parameters for "Set the customization template for an OIDC subject claim 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

`include_claim_keys` array of strings **Required**  
Array of unique strings. Each claim key can only contain alphanumeric characters and underscores.

### HTTP response status codes for "Set the customization template for an OIDC subject claim for an organization"

| Status code | Description    |
|-------------|----------------|
| 201         | Empty response |
| 403         | Forbidden      |

Code samples for "Set the customization template for an OIDC subject claim for an organization"

PUT

/orgs/{org}/actions/oidc/customization/sub

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" \ https://api.github.com/orgs/ORG/actions/oidc/customization/sub \ -d '{"include_claim_keys":["repo","context"]}'
```

Empty response

Example response

Response schema

Status: 201

# Get the customization template for an OIDC subject claim for a repository

✔ Works with [GitHub Apps](#)

Gets the customization template for an OpenID Connect (OIDC) subject claim. You must authenticate using an access token with the `repo` scope to use this endpoint. GitHub Apps must have the `organization_administration:read` permission to use this endpoint.

Parameters for "Get the customization template for an OIDC subject claim for a repository"

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.

## HTTP response status codes for "Get the customization template for an OIDC subject claim for a repository"

| Status code | Description |
|-------------|-------------|
|-------------|-------------|

200

Status response

400

Bad Request

404

Resource not found

Code samples for "Get the customization template for an OIDC subject claim for a repository"

**GET** /repos/{owner}/{repo}/actions/oidc/customization/sub

cURL    JavaScript    GitHub CLI



```
curl -L \ -H "Accept: application/vnd.github+json" \ -H "Authorization: Bearer <YOUR-TOKEN>" \ -H "X-GitHub-API-Version: 2022-11-28" \ https://api.github.com/repos/OWNER/REPO/actions/oidc/customization/sub
```

Status response

Example response

Response schema

Status: 200

```
{ "use_default": false, "include_claim_keys": [ "repo", "context" ] }
```

Set the customization template for an OIDC subject claim for a repository

✔ Works with [GitHub Apps](#)

Sets the customization template and `opt-in` or `opt-out` flag for an OpenID Connect (OIDC) subject claim for a repository. You must authenticate using an access token with the `repo` scope to use this endpoint. GitHub Apps must have the `actions:write` permission to use this endpoint.

Parameters for "Set the customization template for an OIDC subject claim for a repository"

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.

Body parameters

**use\_default** boolean **Required**

Whether to use the default template or not. If `true`, the `include_claim_keys` field is ignored.

**include\_claim\_keys** array of strings

Array of unique strings. Each claim key can only contain alphanumeric characters and underscores.

HTTP response status codes for "Set the customization template for an OIDC subject claim for a repository"

| Status code | Description  |
|-------------|--|
| 201         | Empty response                                       |
| 400         | Bad Request  |
| 404         | Resource not found                                   |
| 422         | Validation failed, or the endpoint has been spammed. |

Code samples for "Set the customization template for an OIDC subject claim for a repository"


PUT

/repos/{owner}/{repo}/actions/oidc/customization/sub

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" \
https://api.github.com/repos/OWNER/REPO/actions/oidc/customization/sub \
-d '{"use_default":false,"include_claim_keys":["repo","context"]}'
```

Empty response

Example response

Response schema

Status: 201

Legal