



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

SCIM

Use the REST API to automate user creation and team memberships with SCIM.

About SCIM @

GitHub Docs

Note: The SCIM API endpoints for enterprise with managed users on GitHub Enterprise Cloud are currently accessible solely through published IdP applications. Public access to the SCIM API endpoints is currently in private beta and subject to change. To access the beta, you can contact your account manager on <u>GitHub's Sales team</u> or <u>sign up</u>.

Warning: The beta is exclusively for testing and feedback, and no support is available. GitHub recommends testing with a non production instance.

You can control and manage the membership and groups for your enterprise with managed users on GitHub Enterprise Cloud using the REST API for SCIM. The endpoints are based on version 2.0 of the SCIM standard. For more information, refer to your IdP's documentation or see the <u>specification on the IETF website</u>.

Base URL @

To manage your enterprise's users and groups using SCIM, use the following base URL to communicate with the endpoints in this category.

https://api.github.com/scim/v2/enterprises/{enterprise}/

Authentication &

To authenticate API requests, the person who configures SCIM on the IdP must use a personal access token (classic) with admin:enterprise scope, which the IdP must provide in the request's Authorization header. For more information about personal access tokens (classic), see "Managing your personal access tokens".

We recommend authenticating as the setup user for the enterprise. Other user accounts are created through SCIM, so authenticating as a different user could result in unintended consequences, such as getting locked out of your enterprise. Write requests to these APIs are possible through our published IdP applications, or through the private beta of direct API access to our SCIM endpoints. If another enterprise owner needs to read information from the API, use a personal access token (classic) with the admin:enterprise scope to make GET requests on your current SCIM implementation.

Mapping of SAML and SCIM data ∂

After a managed user account successfully authenticates to access your enterprise using SAML SSO, GitHub Enterprise Cloud links the user to a SCIM provisioned identity. To link the identities successfully, the SAML identity provider and the SCIM integration must use matching unique identifiers.

We require the following SAML claim and SCIM attribute to successfully match the user with the identity provisioned by SCIM. Identity providers may differ in the field used to uniquely identify a user.

Azure AD for SAML @

| SAML claims | Matching SCIM attribute | | :- | :- | | http://schemas.microsoft.com/identity/claims/objectidentifier | externalId |

Other identity provider for SAML @

| SAML claims | Matching SCIM attribute | | :- | :- | | NameID | userName |

Supported SCIM user attributes &

Users endpoints in this category support the following attributes within a request's parameters.

Name	Туре	Description
displayName	String	Human-readable name for a user.
name.formatted	String	The user's full name, including all middle names, titles, and suffixes, formatted for display.
name.givenName	String	The first name of the user.
name.familyName	String	The last name of the user.
userName	String	The username for the user, generated by the SCIM provider. Undergoes normalization before being used. Must be unique per user.
emails	Array	List of the user's emails.
roles	Array	List of the user's roles.
externalId	String	This identifier is generated by a SCIM provider. Must be unique per user.
id	String	Identifier generated by the GitHub's SCIM endpoint.
active	Boolean	Indicates whether the identity is active (true) or should be suspended (false).

Supported SCIM group attributes ∂

Groups endpoints in this category support the following attributes within a request's parameters.

Name	Туре	Description
displayName	String	Human-readable name for a group.
members	String	List of members who are assigned to the group in SCIM provider
externalId	String	This identifier is generated by a SCIM provider. Must be unique per user.

List provisioned SCIM groups for an enterprise &

Works with <u>GitHub Apps</u>

Note: The SCIM API endpoints for GitHub Enterprise Cloud accounts with enterprise managed users are currently only accessible through published identity provider applications. Public access to SCIM API endpoints are in *private* beta and are subject to change.

Lists provisioned SCIM groups in an enterprise.

You can improve query search time by using the excludedAttributes query parameter with a value of members to exclude members from the response.

Parameters for "List provisioned SCIM groups for an enterprise"

Headers

accept string

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

Query parameters

filter string

If specified, only results that match the specified filter will be returned. Multiple filters are not supported. Possible filters are externalId, id, and displayName. For example, ?filter="externalId eq '9138790-10932-109120392-12321'".

excludedAttributes string

Excludes the specified attribute from being returned in the results. Using this parameter can speed up response time.

startIndex integer

Used for pagination: the starting index of the first result to return when paginating through values.

Default: 1

count integer

Used for pagination: the number of results to return per page.

Default: 30

HTTP response status codes for "List provisioned SCIM groups for an enterprise"

Status code	Description
200	Success, either groups were found or not found
400	Bad request
401	Authorization failure
403	Permission denied
429	Too many requests
500	Internal server error

Code samples for "List provisioned SCIM groups for an enterprise"

```
CURL JavaScript GitHub CLI

curl -L \ -H "Accept: application/scim+json" \ -H "Authorization: Bearer <YOUR-TOKEN>" \ -H "X-GitHub-Api-Version: 2022-11-28" \ https://api.github.com/scim/v2/Groups
```

Success, either groups were found or not found

```
Example response Response schema

Status: 200

{ "schemas": [ "urn:ietf:params:scim:api:messages:2.0:ListResponse" ], "totalResults": 1, "Resources": [ { "schemas": [ "urn:ietf:params:scim:schemas:core:2.0:Group" ], "externalId": "8aala0c0-c4c3-4bc0-b4a5-2ef676900159", "id": "927fa2c08dcb4a7fae9e", "displayName": "Engineering", "members": [ { "value": "879db59-3bdf-4490-ad68-ab880a2694745", "$+ref": "https://api.github.localhost/scim/v2/Users/879db59-3bdf-4490-ad68-ab880a2694745", "displayName": "User 1" }, { "value": "0db508eb-91e2-46e4-809c-30dcbda0c685", "$+ref": "https://api.github.localhost/scim/v2/Users/0db508eb-91e2-46e4-809c-30dcbda0c685", "$ "resourceType": "Group", "created": "2012-03-27T19:59:26.000Z", "lastModified": "2018-03-"
```

Provision a SCIM enterprise group &

Works with <u>GitHub Apps</u>

Note: The SCIM API endpoints for GitHub Enterprise Cloud accounts with enterprise managed users are currently only accessible through published identity provider applications. Public access to SCIM API endpoints are in *private* beta and are subject to change.

Creates a SCIM group for an enterprise.

When members are part of the group provisioning payload, they're designated as external group members. Providers are responsible for maintaining a mapping between the externalId and id for each user.

Parameters for "Provision a SCIM enterprise group"

Headers

accept string

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

Body parameters

schemas array of strings Required

The URIs that are used to indicate the namespaces of the SCIM schemas. Supported values are: urn:ietf:params:scim:schemas:core:2.0:Group

externalId string Required

A unique identifier for the resource as defined by the provisioning client.

displayName string Required

A human-readable name for a security group.

members array of objects Required

The group members.

▶ Properties of members

HTTP response status codes for "Provision a SCIM enterprise group"

Status code	Description
201	Group has been created
400	Bad request
401	Authorization failure
403	Permission denied
409	Duplicate record detected
429	Too many requests
500	Internal server error

Code samples for "Provision a SCIM enterprise group"



Group has been created

```
Example response Response schema

Status: 201

{ "schemas": [ "urn:ietf:params:scim:schemas:core:2.0:Group" ], "id": "abcd27f8-a9aa-11ea-8221-f59b2be9cccc", "externalId": "8aa1a0c0-c4c3-4bc0-b4a5-2ef676900159", "displayName": "Engineering", "members": [ { "value": "879db59-3bdf-4490-ad68-ab880a2694745", "$+ref": "https://api.github.localhost/scim/v2/Users/879db59-3bdf-4490-ad68-ab880a2694745", "displayName": "User 1" }, { "value": "0db508eb-91e2-46e4-809c-30dcbda0c685", "$+ref": "https://api.github.localhost/scim/v2/Users/0db508eb-91e2-46e4-809c-30dcbda0c685", "displayName": "User 2" } ], "meta": { "resourceType": "Group", "created": "2012-03-27T19:59:26.000Z", "location": "https://api.github.localhost/scim/v2/Groups/927fa2c08dcb4a7fae9e" } }
```

Get SCIM provisioning information for an enterprise group @

Works with <u>GitHub Apps</u>

Note: The SCIM API endpoints for GitHub Enterprise Cloud accounts with enterprise managed users are currently only

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accessible through published identity provider applications. Public access to SCIM API endpoints are in *private* beta and are subject to change.

Gets information about a SCIM group.

Parameters for "Get SCIM provisioning information for an enterprise group"

Headers

accept string

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

Path parameters

scim_group_id string Required

A unique identifier of the SCIM group.

Query parameters

excludedAttributes string

Excludes the specified attribute from being returned in the results. Using this parameter can speed up response time.

HTTP response status codes for "Get SCIM provisioning information for an enterprise group"

Status code	Description
200	Success, a group was found
400	Bad request
401	Authorization failure
403	Permission denied
404	Resource not found
429	Too many requests
500	Internal server error

Code samples for "Get SCIM provisioning information for an enterprise group"



Success, a group was found

Set SCIM information for a provisioned enterprise group ∂

Works with <u>GitHub Apps</u>

Note: The SCIM API endpoints for GitHub Enterprise Cloud accounts with enterprise managed users are currently only accessible through published identity provider applications. Public access to SCIM API endpoints are in *private* beta and are subject to change.

Replaces an existing provisioned group's information.

You must provide all the information required for the group as if you were provisioning it for the first time. Any existing group information that you don't provide will be removed, including group membership. If you want to only update a specific attribute, use the <u>Update an attribute for a SCIM enterprise group</u> endpoint instead.

Parameters for "Set SCIM information for a provisioned enterprise group"

Headers

accept string

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

Path parameters

scim_group_id string Required

A unique identifier of the SCIM group.

Body parameters

schemas array of strings Required

The URIs that are used to indicate the namespaces of the SCIM schemas. Supported values are: urn:ietf:params:scim:schemas:core:2.0:Group

externalId string Required

A unique identifier for the resource as defined by the provisioning client.

displayName string Required

A human-readable name for a security group.

members array of objects Required

The group members.

▶ Properties of members

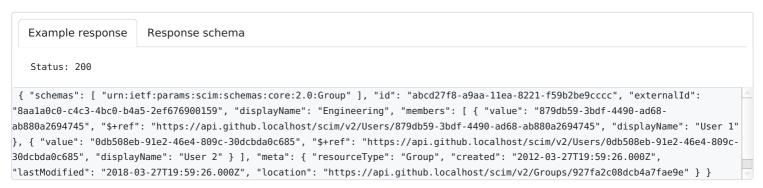
HTTP response status codes for "Set SCIM information for a provisioned enterprise group"

Status code	Description
200	Group was updated
400	Bad request
401	Authorization failure
403	Permission denied
404	Resource not found
409	Duplicate record detected
429	Too many requests
500	Internal server error

Code samples for "Set SCIM information for a provisioned enterprise group"



Group was updated



Update an attribute for a SCIM enterprise group *∂*

Works with GitHub Apps

Note: The SCIM API endpoints for GitHub Enterprise Cloud accounts with enterprise managed users are currently only accessible through published identity provider applications. Public access to SCIM API endpoints are in *private* beta and

are subject to change.

Update a provisioned group's individual attributes.

To modify a group's values, you'll need to use a specific Operations JSON format which must include at least one of the following operations: add, remove, or replace. For examples and more information on this SCIM format, consult the <u>SCIM specification</u>. The update function can also be used to add group memberships.

You can submit group memberships individually or in batches for improved efficiency.

Note: Memberships are referenced via a local user id. Ensure users are created before referencing them here.

Parameters for "Update an attribute for a SCIM enterprise group"

Headers

accept string

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

Path parameters

scim_group_id string Required

A unique identifier of the SCIM group.

Body parameters

Operations array of objects Required

patch operations list

▶ Properties of Operations

schemas array of strings Required

undefinedSupported values are: urn:ietf:params:scim:api:messages:2.0:PatchOp

HTTP response status codes for "Update an attribute for a SCIM enterprise group"

Status code	Description
200	Success, group was updated
204	No Content
400	Bad request
401	Authorization failure
403	Permission denied
404	Resource not found
409	Duplicate record detected
429	Too many requests
500	Internal server error

Code samples for "Update an attribute for a SCIM enterprise group"

Update Group ♦

```
CURL JavaScript GitHub CLI

curl -L \ -X PATCH \ -H "Accept: application/scim+json" \ -H "Authorization: Bearer <YOUR-TOKEN>" \ -H "X-GitHub-Api-Version: 2022-11-28" \ https://api.github.com/scim/v2/Groups/SCIM_GROUP_ID \ -d '{"schemas":

["urn:ietf:params:scim:api:messages:2.0:PatchOp"], "Operations":[{"op":"replace", "path":"displayName", "value":"Employees"}]}'
```

Success, group was updated

```
Example response Response schema

Status: 200

{ "schemas": [ "urn:ietf:params:scim:schemas:core:2.0:Group" ], "id": "abcd27f8-a9aa-11ea-8221-f59b2be9cccc", "externalId":
"8aa1a0c0-c4c3-4bc0-b4a5-2ef676900159", "displayName": "Engineering", "members": [ { "value": "879db59-3bdf-4490-ad68-
ab880a2694745", "$+ref": "https://api.github.localhost/scim/v2/Users/879db59-3bdf-4490-ad68-ab880a2694745", "displayName": "User 1"
}, { "value": "0db508eb-91e2-46e4-809c-30dcbda0c685", "$+ref": "https://api.github.localhost/scim/v2/Users/0db508eb-91e2-46e4-809c-30dcbda0c685", "displayName": "User 2" } ], "meta": { "resourceType": "Group", "created": "2012-03-27T19:59:26.000Z",
"lastModified": "2018-03-27T19:59:26.000Z", "location": "https://api.github.localhost/scim/v2/Groups/927fa2c08dcb4a7fae9e" } }
```

Delete a SCIM group from an enterprise *∂*

Works with GitHub Apps

Note: The SCIM API endpoints for GitHub Enterprise Cloud accounts with enterprise managed users are currently only accessible through published identity provider applications. Public access to SCIM API endpoints are in *private* beta and are subject to change.

Deletes a SCIM group from an enterprise.

Parameters for "Delete a SCIM group from an enterprise"

Headers

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

Path parameters

scim_group_id string Required

A unique identifier of the SCIM group.

HTTP response status codes for "Delete a SCIM group from an enterprise"

Status code	Description
204	Group was deleted, no content
400	Bad request
401	Authorization failure
403	Permission denied
404	Resource not found
429	Too many requests
500	Internal server error

Code samples for "Delete a SCIM group from an enterprise"



Group was deleted, no content

Status: 204

List SCIM provisioned identities for an enterprise *∂*

Works with <u>GitHub Apps</u>

Note: The SCIM API endpoints for GitHub Enterprise Cloud accounts with enterprise managed users are currently only accessible through published identity provider applications. Public access to SCIM API endpoints are in *private* beta and are subject to change.

Lists provisioned SCIM enterprise members.

When you remove a user with a SCIM-provisioned external identity from an enterprise using a patch with active flag to false, the user's metadata remains intact. This means they can potentially re-join the enterprise later. Although, while suspended, the user can't sign in. If you want to ensure the user can't re-join in the future, use the delete request. Only users who weren't permanently deleted will appear in the result list.

Parameters for "List SCIM provisioned identities for an enterprise"

Headers

accept string

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

Query parameters

filter string

If specified, only results that match the specified filter will be returned. Multiple filters are not supported. Possible filters are userName, externalId, id, and displayName. For example, ?filter="externalId eq '9138790-10932-109120392-12321'".

startIndex integer

Used for pagination: the starting index of the first result to return when paginating through values.

Default: 1

count integer

Used for pagination: the number of results to return per page.

Default: 30

HTTP response status codes for "List SCIM provisioned identities for an enterprise"

Status code	Description
200	Success, either users were found or not found
400	Bad request
401	Authorization failure
403	Permission denied
429	Too many requests
500	Internal server error

Code samples for "List SCIM provisioned identities for an enterprise"



Success, either users were found or not found

```
Example response Response schema

Status: 200

{ "schemas": [ "urn:ietf:params:scim:api:messages:2.0:ListResponse" ], "totalResults": 1, "Resources": [ { "schemas": [ "urn:ietf:params:scim:schemas:core:2.0:User" ], "externalId": "E012345", "id": "7fce0092-d52e-4f76-b727-3955bd72c939", "active": true, "userName": "E012345", "name": { "formatted": "Ms. Mona Lisa Octocat", "familyName": "Octocat", "givenName": "Mona", "middleName": "Lisa" }, "displayName": "Mona Lisa", "emails": [ { "value": "mlisa@example.com", "type": "work", "primary": true } ], "roles": [ { "value": "User", "primary": false } ] } ], "startIndex": 1, "itemsPerPage": 20 }
```

Provision a SCIM enterprise user &

Works with <u>GitHub Apps</u>

Note: The SCIM API endpoints for GitHub Enterprise Cloud accounts with enterprise managed users are currently only accessible through published identity provider applications. Public access to SCIM API endpoints are in *private* beta and are subject to change.

Creates an external identity for a new SCIM enterprise user.

SCIM is responsible for user provisioning, not authentication. The actual user authentication is handled by SAML. However, with SCIM enabled, users must first be provisioned via SCIM before they can sign in through SAML.

Parameters for "Provision a SCIM enterprise user"

Headers

accept string

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

Body parameters

schemas array of strings Required

The URIs that are used to indicate the namespaces of the SCIM schemas. Supported values are: urn:ietf:params:scim:schemas:core:2.0:User

externalId string Required

A unique identifier for the resource as defined by the provisioning client.

active boolean Required

Whether the user active in the IdP.

userName string Required

The username for the user.

name object

▶ Properties of name

displayName string Required

A human-readable name for the user.

emails array of objects Required

The emails for the user.

▶ Properties of emails

roles array of objects

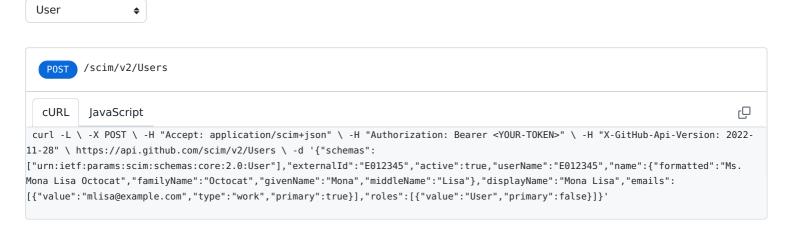
The roles assigned to the user.

▶ Properties of roles

HTTP response status codes for "Provision a SCIM enterprise user"

Status code	Description
201	User has been created
400	Bad request
401	Authorization failure
403	Permission denied
409	Duplicate record detected
429	Too many requests
500	Internal server error

Code samples for "Provision a SCIM enterprise user"



User has been created

```
Example response Response schema

Status: 201

{ "schemas": [ "urn:ietf:params:scim:schemas:core:2.0:User" ], "id": "7fce0092-d52e-4f76-b727-3955bd72c939", "externalId":
"E012345", "active": true, "userName": "E012345", "name": { "formatted": "Ms. Mona Lisa Octocat", "familyName": "Octocat",
"givenName": "Mona", "middleName": "Lisa" }, "displayName": "Mona Lisa", "emails": [ { "value": "mlisa@example.com", "type":
"work", "primary": true } ], "roles": [ { "value": "User", "primary": false } ], "meta": { "resourceType": "User", "created":
"2012-03-27T19:59:26.000Z", "lastModified": "2018-03-27T19:59:26.000Z", "location":
"https://api.github.localhost/scim/v2/Users/7fce0092-d52e-4f76-b727-3955bd72c939" } }
```

Get SCIM provisioning information for an enterprise user ∂

Works with GitHub Apps

Note: The SCIM API endpoints for GitHub Enterprise Cloud accounts with enterprise managed users are currently only accessible through published identity provider applications. Public access to SCIM API endpoints are in *private* beta and are subject to change.

Gets information about a SCIM user.

Parameters for "Get SCIM provisioning information for an enterprise user"

Headers

accept string

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

Path parameters

scim_user_id string Required

The unique identifier of the SCIM user.

HTTP response status codes for "Get SCIM provisioning information for an enterprise user"

Status code	Description
200	Success, a user was found
400	Bad request
401	Authorization failure
403	Permission denied
404	Resource not found
429	Too many requests
500	Internal server error

Code samples for "Get SCIM provisioning information for an enterprise user"



Success, a user was found

```
Example response Response schema

Status: 200

{ "schemas": [ "urn:ietf:params:scim:schemas:core:2.0:User" ], "id": "7fce0092-d52e-4f76-b727-3955bd72c939", "externalId":

"E012345", "active": true, "userName": "E012345", "name": { "formatted": "Ms. Mona Lisa Octocat", "familyName": "0ctocat",

"givenName": "Mona", "middleName": "Lisa" }, "displayName": "Mona Lisa", "emails": [ { "value": "mlisa@example.com", "type":

"work", "primary": true } ], "roles": [ { "value": "User", "primary": false } ], "meta": { "resourceType": "User", "created":

"2012-03-27T19:59:26.000Z", "lastModified": "2018-03-27T19:59:26.000Z", "location":

"https://api.github.localhost/scim/v2/Users/7fce0092-d52e-4f76-b727-3955bd72c939" } }
```

Set SCIM information for a provisioned enterprise user &

Works with <u>GitHub Apps</u>

Note: The SCIM API endpoints for GitHub Enterprise Cloud accounts with enterprise managed users are currently only accessible through published identity provider applications. Public access to SCIM API endpoints are in *private* beta and are subject to change.

Replaces an existing provisioned user's information.

You must supply complete user information, just as you would when provisioning them initially. Any previously existing data not provided will be deleted. To update only a specific attribute, refer to the <u>Update an attribute for a SCIM user</u> endpoint.

Warning: Setting active: false will suspend a user, and their handle and email will be obfuscated.

Parameters for "Set SCIM information for a provisioned enterprise user"

Headers

accept string

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

Path parameters

scim_user_id string Required

The unique identifier of the SCIM user.

Body parameters

schemas array of strings Required

The URIs that are used to indicate the namespaces of the SCIM schemas. Supported values are: urn:ietf:params:scim:schemas:core:2.0:User

externalId string Required

A unique identifier for the resource as defined by the provisioning client.

active boolean Required

Whether the user active in the IdP.

userName string Required

The username for the user.

name object

▶ Properties of name

displayName string Required

A human-readable name for the user.

emails array of objects Required

The emails for the user.

▶ Properties of emails

roles array of objects

The roles assigned to the user.

▶ Properties of roles

HTTP response status codes for "Set SCIM information for a provisioned enterprise user"

Status code	Description
200	User was updated
400	Bad request
401	Authorization failure
403	Permission denied
404	Resource not found
409	Duplicate record detected
429	Too many requests
500	Internal server error

Code samples for "Set SCIM information for a provisioned enterprise user"

```
CURL JavaScript

curl -L \ -X PUT \ -H "Accept: application/scim+json" \ -H "Authorization: Bearer <YOUR-TOKEN>" \ -H "X-GitHub-Api-Version: 2022-11-28" \ https://api.github.com/scim/v2/Users/SCIM_USER_ID \ -d '{"schemas":
["urn:ietf:params:scim:schemas:core:2.0:User"], "externalId":"E012345", "active":true, "userName":"E012345", "name":{"formatted":"Ms.

Mona Lisa Octocat", "familyName":"Octocat", "givenName":"Mona", "middleName":"Lisa"}, "displayName":"Mona Lisa", "emails":
[{"value":"mlisa@example.com", "type":"work", "primary":true}], "roles":[{"value":"User", "primary":false}]}'
```

User was updated

```
Example response Response schema

Status: 200

{ "schemas": [ "urn:ietf:params:scim:schemas:core:2.0:User" ], "id": "7fce0092-d52e-4f76-b727-3955bd72c939", "externalId":

"E012345", "active": true, "userName": "E012345", "name": { "formatted": "Ms. Mona Lisa Octocat", "familyName": "Octocat",

"givenName": "Mona", "middleName": "Lisa" }, "displayName": "Mona Lisa", "emails": [ { "value": "mlisa@example.com", "type":

"work", "primary": true } ], "roles": [ { "value": "User", "primary": false } ], "meta": { "resourceType": "User", "created":

"2012-03-27T19:59:26.000Z", "lastModified": "2018-03-27T19:59:26.000Z", "location":

"https://api.github.localhost/scim/v2/Users/7fce0092-d52e-4f76-b727-3955bd72c939" } }
```

Update an attribute for a SCIM enterprise user ∂



Note: The SCIM API endpoints for GitHub Enterprise Cloud accounts with enterprise managed users are currently only accessible through published identity provider applications. Public access to SCIM API endpoints are in *private* beta and are subject to change.

Update a provisioned user's individual attributes.

To modify a user's attributes, you'll need to provide a Operations JSON formatted request that includes at least one of the following actions: add, remove, or replace. For specific examples and more information on the SCIM operations format, please refer to the SCIM specification.

Note: Complex SCIM path selectors that include filters are not supported. For example, a path selector defined as "path": "emails[type eq \"work\"]" will be ineffective.

Warning: Setting active: false will suspend a user, and their handle and email will be obfuscated.

```
{
  "Operations":[{
     "op":"replace",
     "value":{
        "active":false
     }
  }]
}
```

Parameters for "Update an attribute for a SCIM enterprise user"

Headers

```
accept string
```

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

Path parameters

```
scim_user_id string Required
```

The unique identifier of the SCIM user.

Body parameters

```
Operations array of objects Required patch operations list
```

▶ Properties of Operations

```
schemas array of strings Required
```

undefinedSupported values are: urn:ietf:params:scim:api:messages:2.0:PatchOp

HTTP response status codes for "Update an attribute for a SCIM enterprise user"

Status code	Description
200	Success, user was updated
400	Bad request

401	Authorization failure
403	Permission denied
404	Resource not found
409	Duplicate record detected
429	Too many requests
500	Internal server error

Code samples for "Update an attribute for a SCIM enterprise user"

Multi Valued Property \$

```
CURL JavaScript GitHub CLI

curl -L \ -X PATCH \ -H "Accept: application/scim+json" \ -H "Authorization: Bearer <YOUR-TOKEN>" \ -H "X-GitHub-Api-Version: 2022-11-28" \ https://api.github.com/scim/v2/Users/SCIM_USER_ID \ -d '{"schemas":
["urn:ietf:params:scim:api:messages:2.0:PatchOp"], "Operations":[{"op":"replace", "path":"emails[type eq
'\''work'\''].value", "value": "updatedEmail@microsoft.com"}, {"op": "replace", "path": "name.familyName", "value": "updatedFamilyName"}]}'
```

Success, user was updated

```
Example response Response schema

Status: 200

{ "schemas": [ "urn:ietf:params:scim:schemas:core:2.0:User" ], "id": "7fce0092-d52e-4f76-b727-3955bd72c939", "externalId": "E012345", "active": true, "userName": "E012345", "name": { "formatted": "Ms. Mona Lisa Octocat", "familyName": "Octocat", "givenName": "Mona", "middleName": "Lisa" }, "displayName": "Mona Lisa", "emails": [ { "value": "mlisa@example.com", "type": "work", "primary": true } ], "roles": [ { "value": "User", "primary": false } ], "meta": { "resourceType": "User", "created": "2012-03-27T19:59:26.000Z", "location": "https://api.github.localhost/scim/v2/Users/7fce0092-d52e-4f76-b727-3955bd72c939" } }
```

Delete a SCIM user from an enterprise &

Works with <u>GitHub Apps</u>

Note: The SCIM API endpoints for GitHub Enterprise Cloud accounts with enterprise managed users are currently only accessible through published identity provider applications. Public access to SCIM API endpoints are in *private* beta and are subject to change.

Suspends a SCIM user permanently from an enterprise. This action will: remove all the user's data, anonymize their login, email, and display name, erase all external identity SCIM attributes, delete the user's emails, avatar, PATs, SSH keys, OAuth authorizations, GPG keys, and SAML mappings. This action is irreversible.

Parameters for "Delete a SCIM user from an enterprise"

Headers

accept string

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

Path parameters

scim_user_id string Required

The unique identifier of the SCIM user.

HTTP response status codes for "Delete a SCIM user from an enterprise"

Status code	Description
204	User was deleted, no content
400	Bad request
401	Authorization failure
403	Permission denied
404	Resource not found
429	Too many requests
500	Internal server error

Code samples for "Delete a SCIM user from an enterprise"

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" \ https://api.github.com/scim/v2/Users/SCIM_USER_ID

User was deleted, no content

Status: 204

Legal

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