

# Update User

## Endpoint

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**URL:** /:projectId/users/:userId

**Method:** PATCH

**Authentication Required:** Yes

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## Description

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Update details of an existing user. Only fields provided in the request will be modified. Triggers webhook validation before updating.

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## Request

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### Path Parameters

Parameter	Type	Required	Description
userId	string	Yes	The ID of the user.

### Headers

Header	Type	Required	Description
Authorization	string	Yes	Bearer token for authentication.

### Body Parameters

The body must contain an `update` object with any of the following optional fields:

Field	Type	Description
<code>name</code>	<code>string</code>	Updated name.
<code>username</code>	<code>string</code>	Updated username (sanitized).
<code>avatar</code>	<code>string</code> (URL)	URL to the user's new avatar.
<code>bio</code>	<code>string</code>	User biography.
<code>birthdate</code>	<code>string</code> (ISO Date)	User's birthdate.
<code>location</code>	<code>object</code>	Object with <code>longitude</code> and <code>latitude</code> .
<code>metadata</code>	<code>object</code>	Additional metadata.
<code>secureMetadata</code>	<code>object</code>	Secure metadata (used but not returned).

## Example Request

```
PATCH /proj1234/users/67890
Authorization: Bearer <ACCESS_TOKEN>
Content-Type: application/json

{
  "update": {
    "username": "new_username",
    "location": { "longitude": 34.05, "latitude": -118.25 },
    "metadata": { "theme": "dark" }
  }
}
```

## Response

### Success Response (200 OK)

```
{
  "id": "67890",
  "username": "new_username",
  "name": "John Doe",
  "avatar": "https://example.com/avatar.jpg",
```

```
"bio": "New bio text",
"birthdate": "1990-01-01T00:00:00.000Z",
"location": {
    "type": "Point",
    "coordinates": [34.05, -118.25]
},
"metadata": {
    "theme": "dark"
},
"suspensions": []
}
```

## Error Responses

### Missing or Invalid Data (400 Bad Request)

```
{
    "error": "Missing required data",
    "code": "user/missing-data"
}
```

### User Not Found (404 Not Found)

```
{
    "error": "User not found",
    "code": "user/not-found"
}
```

### Server Error (500 Internal Server Error)

```
{
    "error": "Internal server error",
    "code": "user/server-error",
    "details": "<Error message>"
}
```

## Notes

- Requires authentication.

- `validateUserUpdated` webhook is called before update.
- `secureMetadata` is accepted but never returned.
- `suspensions` are included in the response if active.
- Location must be an object with `longitude` and `latitude`.

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