



## Documentation

### Getting Started

What is Segment?  
[How Segment Works](#)  
Getting Started Guide  
A Basic Segment Installation  
Planning a Full Installation  
A Full Segment Installation  
Sending Data to Destinations  
Testing and Debugging  
What's Next  
Use Cases

### Guides

### Connections

### Unify

### Engage

### Privacy

### Protocols

### Segment App

### API

### Partners

### Glossary

### Config API

### Help

## Segment Public API Documentation

Research and test the Public API's available endpoints.



If your application is built in Javascript / Typescript, Go, Java, or Swift, check out [Segment's Public API SDKs](#).

## Config API vs Public API

The Public API includes the following benefits over the Config API:

BENEFIT	DETAILS
Future Enhancements	Future improvements will be added to the Public API only.
Improved error handling	The Public API offers more specific error messages, for faster issue resolution.

BENEFIT	DETAILS
Versioning	Each endpoint on the Public API can have multiple versions. Stable versions can coexist with beta or alpha versions.
Higher rate limits	The Public API can offer higher rate limits when needed or different rate limits per endpoint or token.
Improved architecture	The Public API is built with improved security, checks for authentication, authorization, input validation, HTTPS exposed services, auto-scaling, and more in mind.
Cleaner mapping	The Public API uses unique IDs for reference, in place of slugs in the Config API. Unique IDs are, by design, unique.
Available in Europe	The Public API is accessible to both US and EU-based workspaces.
Increased reliability	The Public API features more stable endpoints, and a 99.8% success rate

## Create a Public API token



### Only Workspace Owners can create a Public API token

Only users with the Workspace Owner role can create a Public API token. For more information about roles, see Segment's [Roles](#) documentation.

To create a Public API token in your Segment workspace:

1. Navigate to Settings > Workspace settings > Access Management > Tokens.
2. Click the **+ Create Token** button.
3. Create a description for the token and assign it either Workspace Owner or Workspace Member access.
4. Click **Create**.
5. Copy your workspace token somewhere secure and click **Done**.

To begin sending requests to the Public API, make sure to include the Public API Token into your HTTP requests with the `Authorization` Header and configured with `Bearer Token` and the value of the newly generated Public API token.

## API Token Security

To enhance API token security, Segment partners with GitHub to prevent fraudulent use of exposed API tokens found in public git repositories. This helps to prevent malicious actors from using exposed tokens to perform unauthorized actions in your Segment workspace.

Within seconds, GitHub scans each commit in public repositories for Public API tokens, and sends detected tokens to Segment. Valid tokens are automatically revoked and workspace owners are notified.

Learn more about [GitHub's secret scanning program](#).

## FAQs

### What should I do if I see a notification that my token was exposed?

In most cases, identifying and revoking an exposed token takes seconds. Segment recommends you check the [audit trail](#) to ensure no unauthorized actions were taken with the token.

### How did my token get exposed?

Developers can accidentally commit tokens to public repositories, exposing them to the public. This can happen when developers use a token in a local development environment and forget to remove it before committing

their code.

### Why are exposed tokens automatically revoked?

By automatically revoking the exposed token, Segment helps keep your workspace secure and prevents potential abuse of the token.

### How do I enable this feature?

This feature is automatically enabled for all workspaces on Team or Business tier plans.

### What should I do when I see a CORS error?

If you see a CORS error, this means you're attempting to make a request to the Public API on the front-end. The Public API is used for server-side only. To get rid of the error, move all Public API requests to a server.

### What User Role / Workspace permissions are required to generate Public API tokens?

Only [users that have a](#) Workspace Owner [role](#) can create Public API Tokens.

## Troubleshooting

**The Update Schema Settings in Source endpoint returns error for field forwardingViolationsTo and forwardingBlockedEventsTo**

When you don't have a source to forward violations or blocked events to, then exclude the fields forwardingViolationsTo OR forwardingBlockedEventsTo entirely from the request and the setting will be disabled.

PATCH endpoint : <https://api.segmentapis.com/sources/{sourceId}/settings>

```
{
  "group": {
    "allowTraitsOnViolations": false,
    "allowUnplannedTraits": false,
    "commonEventOnViolations": "ALLOW"
  },
  "identify": {
    "allowTraitsOnViolations": true,
    "allowUnplannedTraits": true,
    "commonEventOnViolations": "Block"
  },
  "track": {
    "allowEventOnViolations": false,
    "allowPropertiesOnViolations": false,
    "allowUnplannedEventProperties": false,
    "allowUnplannedEvents": false,
    "commonEventOnViolations": "OMIT_PROPERTIES"
  }
}
```

### What is the difference between a destination's Instance ID and Meta ID?

The destination's Instance ID is specific to a single destination within your workspace. The destination's Meta ID, which is returned by the delivery metrics endpoint, identifies which integration you've set up. For example, if you had a dev Mixpanel (Actions) destination and a prod Mixpanel (Actions) destination, they would have the same Meta ID but two different Instance IDs.

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