



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



```

const authentication = {
  // the 'basic' authentication scheme tells Segment to automatically
  // include the `username` and `password` fields so you don't have to.
  // Segment will automatically do base64 header encoding of the username:password
  scheme: 'basic',

  fields: {
    username: {
      label: 'Username',
      description: 'Your username',
      type: 'string',
      required: true
    },
    password: {
      label: 'password',
      description: 'Your password.',
      type: 'string',
      required: true
    }
  },

  // a function that can test the user's credentials
  testRequest: (request) => {
    return request('https://example.com/api/accounts/me.json')
  }
}

const destination = {
  // ...other properties
  authentication,

  extendRequest({ settings }) {
    return {
      username: settings.username,
      password: settings.password
    }
  }
}

```

Custom Authentication

Custom authentication is the most commonly used authentication among Segment destinations. It's what most "API Key" based authentication should use. You'll likely need to define an `extendRequest` function to complete the authentication by modifying request headers with some authentication input fields.

```

const authentication = {
  // the 'custom' scheme doesn't do anything automagically for you, but let's you
  // define the behavior through input fields and `extendRequest`.
  // this is what most API key-based destinations should use
  scheme: 'custom',

  // a function that can test the user's credentials
  testRequest: (request) => {
    return request(`/accounts/me.json`)
  },

  // fields that are specific to authentication
  fields: {
    subdomain: {
      type: 'string',
      label: 'Subdomain',
      description: 'The subdomain for your account, found in your user settings.',
      required: true
    },
    apiKey: {
      type: 'string',
      label: 'API Key',
      description: 'Found on your settings page.',
      required: true
    }
  }
}

const destination = {
  // ...other properties
  authentication,
  // we may explore a simple JSON representation that supports template strings
  extendRequest: ({ settings }) => {
    return {
      prefixUrl: `https://${settings.subdomain}.example.com/api`,
      headers: { Authorization: `Bearer ${settings.apiKey}` },
      responseType: 'json'
    }
  }
}

```

OAuth 2.0 Managed

If your API supports [OAuth 2.0](#), you can authenticate your destination's users with it.

```

const authentication = {
  // the 'oauth-managed' authentication scheme tells Segment use the
  // oauth credentials and endpoint that you provide to authenticate users.
  scheme: 'oauth-managed',
}

```

When you receive access to the Developer Portal, find your integration, and navigate to the **OAuth settings** tab to configure the integration's OAuth details.

This page was last modified: 12 Jan 2023

Need support?

Questions? Problems? Need more info? Contact Segment Support for assistance!

[Visit our Support page](#)

Help improve these docs!

 [Edit this page](#)

 [Request docs change](#)

Was this page helpful?

 Yes

 No

Get started with Segment

Segment is the easiest way to integrate your websites & mobile apps data to over 300 analytics and growth tools.

[Request Demo](#)

or

[Create free account](#)

© 2025 Segment.io, Inc.

[Privacy](#)

[Terms](#)

[Website Data Collection Preferences](#)

