

Webhook Integration Guide

This document provides instructions for integrating with our SaaS platform's Notification Webhook system. Use it to automatically receive event updates in real-time.

Overview

Webhooks allow your application to receive HTTP POST notifications whenever certain events occur within your SaaS account. Configure your endpoint URL, and our service will deliver event data directly to it as JSON payloads.

Step 1: Register Your Webhook Endpoint

1. Navigate to **Settings > Webhooks** in your admin dashboard.
2. Enter your HTTPS endpoint URL (e.g., `https://yourdomain.com/webhooks/saas`).
3. Select the events you want to subscribe to.
4. Click **Save** to activate the webhook.

Step 2: Handle Webhook Requests

When a relevant event occurs, we send an HTTP POST request to your endpoint containing a JSON payload with event details.

Example Request: `application/json`

```
{
  "id": "evt_1245abdce",
  "event": "user.subscription.updated",
  "created_at": "2024-06-30T15:41:23Z",
  "data": {
    "user_id": "user_78451",
    "plan": "Pro",
    "status": "active"
  }
}
```

Step 3: Respond to Webhooks

- Reply with a **2xx HTTP status** code to acknowledge receipt.
- If you return any other status code, we will retry delivery up to 3 more times with exponential backoff.

Security (Recommended)

- Validate the `X-Webhook-Signature` header using your secret token.

Sample Signature Verification

```
const crypto = require("crypto");
function verifySignature(payload, signature, secret) {
  const hash = crypto
    .createHmac("sha256", secret)
    .update(payload)
    .digest("hex");
  return hash === signature;
}
```

Supported Events

Event Name	Description
<code>user.created</code>	Triggered when a new user registers.
<code>user.subscription.updated</code>	Subscription plan is changed or renewed.
<code>user.deleted</code>	User account is deleted.
<code>invoice.paid</code>	An invoice is paid.

Troubleshooting

- Ensure your endpoint returns a 2xx status quickly (within 5 seconds).
- Use HTTPS to protect webhook payloads.
- Refer to your server logs for failed delivery attempts.

Contact

For support,