



v0.4.0

OpenAPI 3.1.0

# Webhook Relay API

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MIT

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Webhook Relay accepts events from your application and fans them out to subscriber endpoints with HMAC signing, idempotency-key dedup, exponential-backoff retries, dead-letter handling, and per-attempt observability.

This spec is the source of truth for the API. Controllers conform to it; SDKs are generated from it. Run `npx @stoplight/spectral-cli lint openapi/spec.yaml` to validate locally.

### Server

`https://api.webhook-relay.dcsuniverse.com`

Production

### Authentication Required

ApiKeyAuth

Bearer token using your workspace API key.

Bearer Token: Token



### Client Libraries

Shell

Ruby

Node.js

PHP

Python

More

Shell `curl`

## Events

Ingest, list, and retrieve events.

### Operations

```
GET /v1/healthz
POST /v1/events
GET /v1/events
GET /v1/events/{id}
POST /v1/webhooks/test
```

## Liveness check

Returns 200 if the API is up. Does not require auth.

### Responses

> **200** Service is up.

```
GET /v1/healthz
```

Shell Curl ▾

```
1 curl https://api.webhook-relay.dcsuniverse.com/v1/healthz
```

▶ Test Request

200

Show Schema

```
{
  "status": "healthy",
  "version": "0.2.0"
}
```

Service is up.

## Ingest an event

🔒 Auth Required

Accepts an event and enqueues it for fan-out to all matching subscriptions. Provide an `Idempotency-Key` header to safely retry; dedup window is 24 hours per workspace.

### Headers

**Idempotency-Key** string · max length: 255

Optional dedup key; requests with the same key within 24h return the original response.

**Body** · [EventCreate](#)

required

application/json

**payload** object **required**

Arbitrary JSON payload, max 256 KB serialized.

+ Show Child Attributes

**type** string · `^[a-z0-9._-]{1,128}$` **required** [Example](#)

Dot-separated event type.

### Responses

- > **202** Event accepted for fan-out.
- > **400** Validation error.
- > **401** Missing or invalid API key.
- > **409** Idempotency key already used with a different payload.
- > **429** Workspace rate limit exceeded.

**POST** /v1/events

Shell Curl ▾

```
1 curl https://api.webhook-relay.dcsuniverse.com/v1/events \
2   --request POST \
3   --header 'Idempotency-Key: ' \
4   --header 'Content-Type: application/json' \
5   --header 'Authorization: Bearer YOUR_SECRET_TOKEN' \
6   --data '{
7     "type": "order.created",
8     "payload": {
9       "additionalProperty": "anything"
10    }
11  }'
```

[▶ Test Request](#)

202 400 401 409 429

[Show Schema](#)

```
{
  "id": "01JAB3K5XYZQRSTUVWXYZABCDE",
  "type": "order.created",
  "payload": {
    "additionalProperty": "anything"
  },
  "idempotency_key": "string",
  "source_ip": "string",
  "created_at": "2026-06-07T03:20:44.948Z",
  "deliveries_summary": {
    "total": 1,
    "succeeded": 1,
    "failed": 1,
    "pending": 1
  }
}
```

Event accepted for fan-out.













## Webhook Relay

Production-shaped webhook delivery infrastructure. A portfolio build by Philip Rehberger. Not a production service.

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