

4. API Reference

All paths are relative to:

- Sandbox: `https://devapi.sirgiving.org`
- Production: `https://api.sirgiving.org`

Auth legend

| Label | Meaning |
|------------------|--|
| JWT | User login token from the SIR Giving app |
| Widget | <code>X-Partner-Key: pk_...</code> only |
| HMAC | <code>X-Partner-Key</code> , <code>X-Timestamp</code> , and <code>X-Signature</code> |
| HMAC, secret key | HMAC request with <code>sk_...</code> ; publishable keys are rejected |

Partner key management

These endpoints are for signed-in users managing their own partner credentials.

| Method | Path | Auth | Purpose |
|--------|--|------|-----------------------------------|
| POST | <code>/v1/partner/keys</code> | JWT | Create an API key pair |
| GET | <code>/v1/partner/keys</code> | JWT | List your API keys |
| GET | <code>/v1/partner/keys/partner-info</code> | JWT | Get your Partner record |
| GET | <code>/v1/partner/keys/:id</code> | JWT | Get one key record |
| PATCH | <code>/v1/partner/keys/:id</code> | JWT | Rename, deactivate, or set expiry |
| DELETE | <code>/v1/partner/keys/:id</code> | JWT | Delete/revoke a key |

Partner auth

These endpoints support the partner portal.

| Method | Path | Auth | Purpose |
|--------|------------------------|----------------|--|
| POST | /v1/partner/auth/login | Email/password | Login to partner portal |
| GET | /v1/partner/auth/me | JWT | Get current partner user and publishable key |

Widget/config endpoints

| Method | Path | Auth | Purpose |
|--------|---|--------|---------------------------------|
| GET | /v1/partner/config | Widget | Get partner widget config |
| GET | /v1/partner/organizations/:slug | Widget | Look up nonprofit details |
| POST | /v1/partner/donations/create-link | Widget | Create a donation checkout link |
| GET | /v1/partner/donations/status/:partnerDonationId | Widget | Check donation reward status |

Users

| Method | Path | Auth | Purpose |
|--------|--|------------------|--------------------------------|
| GET | /v1/partner/users | HMAC | List partner users |
| POST | /v1/partner/users | HMAC, secret key | Create a partner user |
| GET | /v1/partner/users/:externalId | HMAC | Get a user by your external ID |
| PATCH | /v1/partner/users/:externalId | HMAC, secret key | Update user metadata |
| GET | /v1/partner/users/:externalId/balance | HMAC | Get user balance |
| GET | /v1/partner/users/:externalId/transactions | HMAC | Get user action history |

Actions

| Method | Path | Auth | Purpose |
|--------|----------------------------|------------------|---------------------------|
| POST | /v1/partner/actions/submit | HMAC, secret key | Submit one reward action |
| GET | /v1/partner/actions | HMAC | List actions |
| GET | /v1/partner/actions/:id | HMAC | Get action status/details |

| Method | Path | Auth | Purpose |
|--------|--|------------------|--|
| POST | <code>/v1/partner/actions/:actionId/reverse</code> | HMAC, secret key | Reverse a completed action |
| POST | <code>/v1/partner/actions/bulk</code> | HMAC, secret key | Submit up to 100 actions synchronously |

GET `/v1/partner/actions/bulk/:jobId` is deprecated. Bulk actions are processed synchronously and return their result from `POST /bulk`.

Token pools

| Method | Path | Auth | Purpose |
|--------|--|------------------|----------------------------|
| GET | <code>/v1/partner/token-pools</code> | HMAC | List allocated token pools |
| GET | <code>/v1/partner/token-pools/:id/balance</code> | HMAC | Get pool balance |
| POST | <code>/v1/partner/token-pools/request</code> | HMAC, secret key | Request more allocation |
| GET | <code>/v1/partner/token-pools/requests</code> | HMAC | List allocation requests |

Campaigns

| Method | Path | Auth | Purpose |
|--------|--|------------------|------------------------|
| GET | <code>/v1/partner/campaigns</code> | HMAC | List campaigns |
| GET | <code>/v1/partner/campaigns/active</code> | HMAC | Get active campaign |
| GET | <code>/v1/partner/campaigns/:id</code> | HMAC | Get campaign details |
| GET | <code>/v1/partner/campaigns/:id/analytics</code> | HMAC | Get campaign analytics |
| POST | <code>/v1/partner/campaigns</code> | HMAC, secret key | Create campaign |
| PATCH | <code>/v1/partner/campaigns/:id</code> | HMAC, secret key | Update campaign |

Transactions

| Method | Path | Auth | Purpose |
|--------|---------------------------------------|------|---------------------------|
| GET | <code>/v1/partner/transactions</code> | HMAC | List partner transactions |

| Method | Path | Auth | Purpose |
|--------|------------------------------|------|-------------------------|
| GET | /v1/partner/transactions/:id | HMAC | Get transaction details |

Dashboard

| Method | Path | Auth | Purpose |
|--------|---|------|----------------------------------|
| GET | /v1/partner/dashboard/summary | HMAC | Pool, activity, and user summary |
| GET | /v1/partner/dashboard/trends | HMAC | Daily activity trends |
| GET | /v1/partner/dashboard/top-earners | HMAC | Top rewarded users |
| GET | /v1/partner/dashboard/webhooks/health | HMAC | Webhook health |
| GET | /v1/partner/dashboard/api-usage | HMAC | API usage metrics |
| GET | /v1/partner/dashboard/recent-activity | HMAC | Recent actions |
| GET | /v1/partner/dashboard/integration-health | HMAC | Integration health |
| GET | /v1/partner/dashboard/campaigns/:id/analytics | HMAC | Campaign performance |

Webhooks

| Method | Path | Auth | Purpose |
|--------|---|------------------|-------------------|
| POST | /v1/partner/webhooks | HMAC, secret key | Register webhook |
| GET | /v1/partner/webhooks | HMAC | List webhooks |
| DELETE | /v1/partner/webhooks/:id | HMAC, secret key | Delete webhook |
| GET | /v1/partner/webhooks/:id/deliveries | HMAC | List deliveries |
| POST | /v1/partner/webhooks/:id/deliveries/:deliveryId/retry | HMAC, secret key | Retry delivery |
| POST | /v1/partner/webhooks/:id/test | HMAC, secret key | Send test webhook |

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