

OpenAct HTTP API v1 (Draft)

All endpoints are planned and currently Not Implemented.

- Base URL: `/api/v1`
- Content-Type: `application/json` (actions supports `text/yaml` upload)
- Error format: `{ "error": { "code": string, "message": string, "details"?: object } }`

1) Health & Status

- [GET] `/health` — Liveness probe
 - Status: Not Implemented
- [GET] `/status` — Basic stats and encryption/env info
 - Status: Not Implemented

2) Doctor (Environment & Config Preflight)

- [POST] `/doctor`
 - Body: `{ dsl?: string, portStart?: number, portEnd?: number }`
 - Status: Not Implemented

3) OAuth Authentication (Two-step)

- [POST] `/auth/oauth/begin`
 - Body: `{ tenant, provider, dsl, flow?, redirectUri?, scope? }`
 - Resp: `{ authorize_url, session_id, redirect_uri }`
 - Status: Not Implemented
- [POST] `/auth/oauth/complete`
 - Body: `{ tenant, session_id, callback_url? | code? & state? }`
 - Resp: `{ auth_trn }`
 - Status: Not Implemented
- [GET] `/oauth/callback` (browser redirect target)
 - Query: `code, state`
 - Status: Not Implemented

4) PAT Authentication

- [POST] `/auth/pat`
 - Body: `{ tenant, provider, user_id, token }`
 - Resp: `{ auth_trn }`
 - Status: Not Implemented

5) Auth Resources

- [GET] `/auth` — List connections (filters: `tenant, provider`)
 - Status: Not Implemented
- [GET] `/auth/{trn}` — Inspect connection (masked)

- Status: Not Implemented
- [POST] `/auth/{trn}/refresh` — Refresh if supported
 - Status: Not Implemented
- [DELETE] `/auth/{trn}` — Delete connection
 - Status: Not Implemented

6) Action Management

- [POST] `/actions` — Register
 - JSON: `{ tenant, provider, name, trn, yaml }` or `text/yaml` with query params
 - Resp: `{ trn }`
 - Status: Not Implemented
- [GET] `/actions` — List (filter: `tenant`)
 - Status: Not Implemented
- [GET] `/actions/{trn}` — Inspect
 - Status: Not Implemented
- [PUT] `/actions/{trn}` — Update YAML
 - Body: `{ yaml }` or `text/yaml`
 - Status: Not Implemented
- [GET] `/actions/{trn}/export` — Export YAML
 - Content-Type: `text/yaml`
 - Status: Not Implemented
- [DELETE] `/actions/{trn}` — Delete
 - Status: Not Implemented

7) Bindings (Auth ↔ Action)

- [POST] `/bindings` — Bind `{ tenant, auth_trn, action_trn }`
 - Status: Not Implemented
- [DELETE] `/bindings` — Unbind `{ tenant, auth_trn, action_trn }`
 - Status: Not Implemented
- [GET] `/bindings` — List (filters: `tenant, auth_trn, action_trn, verbose`)
 - Status: Not Implemented

8) Action Execution

- [POST] `/run`
 - Body: `{ tenant, action_trn, exec_trn?, headers?, output?=text|json, dry_run?=false, trace?=false }`
 - Resp (dry_run=false): `{ status, response?, error?, status_code?, duration_ms?, exec_trn, action_trn }`
 - Resp (dry_run=true): `{ preview: { method, path, base_url, headers, ... } }`
 - Status: Not Implemented
- [GET] `/executions/{exec_trn}` — Inspect an execution
 - Status: Not Implemented

9) Session Utilities (Optional, for debugging)

- [GET] `/sessions` — List saved sessions
 - Status: Not Implemented
- [GET] `/sessions/{id}` — Inspect session
 - Status: Not Implemented
- [DELETE] `/sessions (?all=true)` or `/sessions/{id}` — Cleanup
 - Status: Not Implemented

Status Codes (Guideline)

- 200 OK, 202 Accepted (future async), 400 Bad Request, 401 Unauthorized (if applicable), 404 Not Found, 409 Conflict, 422 Unprocessable Entity, 500 Internal Server Error, 501 Not Implemented