Minimal secure public "ping" API

This project runs a small Express server that responds with `ping` for any route and method. It includes safe defaults (Helmet, CORS, rate limiting, small body limits, logging, compression) and can optionally expose a public URL using a tunnel so others on the internet can query it while it runs on your Mac.

Quick start

1. Install dependencies:

```
npm install
```

2. Start locally:

```
npm run dev
# or
npm start
```

Visit `http://localhost:8080/ping`.

3. Expose publicly (optional):

```
npm run expose
```

The console will print a `Public URL:`. Share that URL. While the server runs, anyone can query it.

Security notes

- Defaults are conservative: only GET/HEAD are allowed cross-origin by default; body size limited to 10kb; rate limit of 60 requests/minute per IP.
- To allow broader access (e.g., POST), set `CORS_ORIGIN=*` in your environment.
- This is still an internet-exposed endpoint. Avoid adding stateful or file-system operations unless you fully validate and authenticate requests.
- Prefer running behind a random tunnel URL. Disable `ENABLE_TUNNEL` when not in use.

Configuration

Environment variables (can be placed in a `.env` file). See `env.sample` for a template.

- `PORT` (default `8080`) – port to listen on
- `HOST` (default `0.0.0.0`) – listen interface
- `CORS_ORIGIN` (default `GET_ONLY`) – `GET_ONLY`, `*`, or comma-separated allowed origins
- `RATE_LIMIT_WINDOW_MS` (default `60000`)

- `RATE_LIMIT_MAX` (default `60`)
- `BODY_LIMIT` (default `10kb`)
- `AUTH_TOKEN` – if set, require `Authorization: Bearer <token>` for all requests
- `TRUST_PROXY` (default `1`) – trust proxy hops for correct client IPs behind tunnels
- `ENABLE_TUNNEL` (default `0`) – set to `1` to enable localtunnel
- `TUNNEL_SUBDOMAIN` – optional preferred subdomain

Example responses

```
{
  "message": "ping",
  "method": "GET",
  "path": "/anything",
  "query": { "foo": "bar" },
  "headers": { "user-agent": "..." },
  "timestamp": "2025-01-01T00:00:00.000Z"
}
```

Scripts

- `npm start` – start server
- `npm run dev` – start with auto-reload
- `npm run expose` – start and open a public tunnel