

CERTCC / cveClient Public










<> Code Issues 3 Pull requests 2 Actions Projects Security and quality





7 Branches 0 Tags Go to file Go to file <> Code ...

sei-vsarvepalli Merge pull request #52 from jgamblin/fix/x-generator-... ✓

30cb5ff · 3 days ago

| | | | |
|--------|-------------------|------------------------------------|--------------|
| folder | .github/workflows | ci: update actions/checkout ... | 4 days ago |
| folder | ace-builds | Ace builds updates | 4 years ago |
| folder | api-docs | feat: add local copies of CV... | 4 days ago |
| folder | api/cve | Further updates to Issue #24 | 3 years ago |
| folder | schema | feat: add local copies of CV... | 4 days ago |
| folder | sweetalert2 | chore: update SweetAlert2 fr... | last week |
| folder | tests | fix: sync cveClientlib version ... | 3 days ago |
| file | .gitignore | feat: add test infrastructure ... | 5 days ago |
| file | CHANGELOG.md | docs: comprehensive docum... | 4 days ago |
| file | CONTRIBUTING.md | docs: refocus README for ... | 4 days ago |
| file | INSTALL.md | docs: comprehensive docum... | 4 days ago |
| file | LICENSE | CERT/CC License template | 4 years ago |
| file | README.md | docs: add AI Review feature ... | 4 days ago |
| file | RISKS.md | docs: comprehensive docum... | 4 days ago |
| file | autoCompleter.js | refactor: import test function... | 5 days ago |
| file | certicon.ico | Added favicon | 4 years ago |
| file | cveClientlib.js | fix: sync cveClientlib version ... | 3 days ago |
| file | cveInterface.css | Small updates to cveInterface | 9 months ago |

| | | |
|---|-----------------------------------|--------------|
|  cveInterface.js | fix: use project version in x_... | 4 days ago |
|  cwe-common.json | Added cwe-common.json th... | 9 months ago |
|  encrypt-storage.js | refactor: import test function... | 5 days ago |
|  index.html | fix: remove unsupported AD... | 5 days ago |
|  language-codes.json | Ace builds updates | 4 years ago |
|  package-lock.json | feat: add test infrastructure ... | 5 days ago |
|  package.json | docs: add Node.js usage an... | 5 days ago |
|  schemaToForm.js | feat: make schema referenc... | 5 days ago |
|  vitest.config.mjs | fix: drop EOL Node versions ... | 5 days ago |

 [README](#)  [Contributing](#)  [License](#)  [Security](#)



cveClient

A browser-based CVE management client for [CVE Services 2.x](#) API, built for CVE Numbering Authorities (CNAs) and Roots. Manage CVE records using CVE JSON 5.x directly from your browser — no software to install, no data collected, no backend required.

[Live Demo](#) | [CERT/CC Demo](#)

Privacy: This application runs entirely in your browser. It does not store any data on a server, does not track usage, and does not phone home. Your API key is encrypted locally using RSA-OAEP 4096-bit encryption before being stored in browser storage.

Compatibility

| | Version |
|-------------------------|---|
| CVE Services API | 2.x (API docs , local OpenAPI spec) |
| CVE JSON Schema | 5.x (schema docs , local schema) |

Supported Environments

| Environment | URL | Use Case |
|-------------|--|-----------------------------|
| Production | <code>https://cveawg.mitre.org/api</code> | Live CVE record management |
| Test | <code>https://cveawg-test.mitre.org/api</code> | Testing and training |
| Local | <code>http://127.0.0.1:3000/api</code> | Local CVE Services instance |

Select your environment from the dropdown at login.

Features

- **CVE Record Management** — Create, update, reject, and reserve CVE IDs
- **Form-Based Editor** — Tabs for Minimal (required fields only), All Fields (full schema), JSON (direct editing with Ace editor), and ADP views
- **Guided CVE Chatbot** — Step-by-step wizard that walks you through building a CVE record field by field, with CWE autocomplete
- **AI Review** — Review your CVE record with ChatGPT, Claude, or Gemini before publication. Shows the full prompt for transparency, then copies to clipboard and opens your chosen provider.
- **User Management** — Create, update, and list users within your CNA organization (admin role required)
- **Organization Info** — View org details and remaining CVE ID quota
- **Offline Mode** — Click "Skip" at login to create and edit mock CVE records without connecting to CVE Services, useful for drafting or training
- **Encrypted Credentials** — API keys are encrypted with RSA-OAEP 4096-bit keys before storage. See [RISKS.md](#) for a full discussion of browser API key security.

Getting Started

Use the Public Demo

Visit <https://certcc.github.io/cveClient/> and log in with your CNA short name, username, and API key. No installation required. The demo connects directly to CVE Services and does not store any data.

Run Your Own Instance

cveClient is a static web application — just serve the files from any web server:

```
git clone https://github.com/CERTCC/cveClient.git
cd cveClient
```



```
# Any of these will work:
python3 -m http.server 8080
npx serve .
php -S localhost:8080
```

Open `http://localhost:8080` and log in. For production deployment with Content-Security-Policy headers, Apache/Nginx configuration examples, and more, see [INSTALL.md](#).

API Key Security

Using API keys in a browser carries inherent risks. See [RISKS.md](#) for:

- Why browser-based API key usage is a known risk for CNAs
- Precautions your organization should take (browser hardening, user audits, key rotation)
- How cveClient mitigates risk with RSA-OAEP encryption
- Content-Security-Policy recommendations for self-hosted deployments

Changelog

See [CHANGELOG.md](#) for the full version history.

Contributing

See [CONTRIBUTING.md](#) for architecture details, local development setup, Node.js library usage, running tests, and dependency information.

License

See [LICENSE](#) for license information.

license not identifiable by github | release no releases or repo not found | issues 3 open | last commit last friday

Releases

No releases published

Packages

No packages published

Contributors 6



Languages

