

CERTCC / cveClient Public










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sei-vsarvepalli Merge pull request #51 from jgamblin/fix/update-actio... ✓

4e96a9c · 16 hours ago

📁 .github/workflows	ci: update actions/checkout ...	19 hours ago
📁 ace-builds	Ace builds updates	4 years ago
📁 api-docs	feat: add local copies of CV...	20 hours ago
📁 api/cve	Further updates to Issue #24	3 years ago
📁 schema	feat: add local copies of CV...	20 hours ago
📁 sweetalert2	chore: update SweetAlert2 fr...	3 days ago
📁 tests	fix: remove tests for getadp/...	20 hours ago
📄 .gitignore	feat: add test infrastructure ...	2 days ago
📄 CHANGELOG.md	docs: comprehensive docum...	19 hours ago
📄 CONTRIBUTING.md	docs: refocus README for ...	19 hours ago
📄 INSTALL.md	docs: comprehensive docum...	19 hours ago
📄 LICENSE	CERT/CC License template	4 years ago
📄 README.md	docs: add AI Review feature ...	19 hours ago
📄 RISKS.md	docs: comprehensive docum...	19 hours ago
📄 autoCompleteer.js	refactor: import test function...	2 days ago
📄 certicon.ico	Added favicon	4 years ago
📄 cveClientlib.js	Merge pull request #45 from ...	yesterday
📄 cveInterface.css	Small updates to cveInterface	9 months ago

 cveInterface.js	feat: add local copies of CV...	20 hours ago
 cwe-common.json	Added cwe-common.json th...	9 months ago
 encrypt-storage.js	refactor: import test function...	2 days ago
 index.html	fix: remove unsupported AD...	2 days ago
 language-codes.json	Ace builds updates	4 years ago
 package-lock.json	feat: add test infrastructure ...	2 days ago
 package.json	docs: add Node.js usage an...	2 days ago
 schemaToForm.js	feat: make schema referenc...	2 days ago
 vitest.config.mjs	fix: drop EOL Node versions ...	2 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 yesterday

Releases

No releases published

Packages

No packages published

Contributors 6



Languages

