LACSPACE

Developer Documentation

Security Kit — the seven layers, as code

@lacspace/jwt

JWTs & tokens

v1.2.1 · zero dependencies · isomorphic · generated 2026-08-25

Overview

Sign & verify JWTs — symmetric HS256/384/512 and asymmetric RS256/ES256 — with strict expiry/issuer/audience checks over Web Crypto, so it runs on edge and workers. Plus remote JWKS verification, refresh-token rotation with reuse detection, and opaque & CSRF tokens. A tiny jose alternative.

> **NOTE**
> When to use — Issuing and verifying JSON Web Tokens (HS/RS/ES) for sessions or service-to-service auth.

Package: @lacspace/jwt · v1.2.1

Kit: Security Kit — the seven layers, as code

Runtime: zero dependencies · isomorphic

Install

```
npm i @lacspace/jwt
```

Quick example

```
await verify(token, secret, { issuer })
```

Returns: **payload**

Tips & warnings

> **TIP**
> Keep access tokens short-lived and rotate refresh tokens; verify `exp`/`nbf` (the package does this).

> **TIP**
> For RS/ES, publish a JWKS and verify against it.

> **TIP**
> Zero-dependency and isomorphic — safe to import on the server, in the browser, on the edge and in React Native. It tree-shakes, so you only ship what you import.

> **WARNING**
> Never accept the `alg: none` algorithm, and don't verify HS tokens with a public key — the verifier guards against algorithm confusion.

Links & full reference

- npm: https://www.npmjs.com/package/@lacspace/jwt
- Source & full README: https://github.com/lacspace/npm-packages/tree/main/jwt
- Docs: lacspace.com/docs/jwt

The npm page and GitHub README carry the complete API reference and more examples.