sonarqube

Security Assesment OWASP

Project Name	Version	Last Analysis Date
Aspose.Email for C++	25.9	2025-10-03

OWASP Vulnerabilities

0

OWASP Rating

A

OWASP TOP 10 (2021) Application Security Risks

		Category Rating	Vulnerabilities
A1	**Broken Access Control** Improperly enforced access restrictions allow attackers to bypass authentication and access unauthorized data or functions.	A	0
A2	**Cryptographic Failures** Weak encryption or improper handling of sensitive data (e.g., passwords, credit card details) can lead to data leaks.	A	0
A3	**Injection** Malicious input (e.g., SQL, NoSQL, OS command injection) is improperly handled, allowing attackers to manipulate databases or execute unintended commands.	A	0
A4	**Insecure Design** Poor application design choices, such as missing security controls, increase vulnerability risks.	A	0
A5	**Security Misconfiguration** Default settings, exposed error messages, or unnecessary services can create security gaps.	A	0
A6	**Vulnerable and Outdated Components** Using outdated software, libraries, or frameworks with known vulnerabilities can lead to exploits.	A	0
A7	**Identification and Authentication Failures** Weak authentication mechanisms, such as poor password policies or missing multi-factor authentication (MFA), can lead to unauthorized access.	A	0
A8	**Software and Data Integrity Failures** Untrusted or malicious updates, dependencies, or CI/CD pipelines can lead to compromised systems.	A	0
A9	**Security Logging and Monitoring Failures** Lack of proper logging and alerting mechanisms delays detection and response to security incidents.	A	0
A10	**Server-Side Request Forgery (SSRF)** Attackers manipulate web applications to make unauthorized requests to internal or external services.	A	0

Security ratings

A - no vulnerabilities
B - at least one minor vulnerability
C - at least one major vulnerability
D - at least one critical vulnerability
E - at least one blocker vulnerability