



# OWASP Top 10 Security Report: WiredSpace

This report summarises the security posture of WiredSpace projects against the OWASP Top 10 (2021) vulnerabilities, based on a scan conducted on 20th June 2025, using Snyk CLI. It provides an overview of scan results and details on a previously identified and remediated vulnerability.

# Scan Overview and Tools

The security scan for WiredSpace projects was performed on 20th June 2025. The analysis tool utilised was Snyk CLI

The projects included in the scope of this security assessment were:

- Backend (Spring Boot / Gradle)
- Frontend (React / npm)

# Overall Scan Results

The comprehensive security scan across all WiredSpace projects yielded positive results, with no new vulnerabilities detected.

Project	Vulnerabilities	Threat Level	Note
wiredspace-frontend	0	—	All dependencies are secure
WiredSpace-API	0	—	All dependencies are secure

This indicates a strong current security posture for the project's dependencies.






# OWASP Top 10 Mapping (2021)

The scan mapped the project's security against the OWASP Top 10 (2021) categories. The results indicate no active vulnerabilities across most critical categories.

Category	Vulnerabilities Found	Note
A01: Broken Access Control	✗ No	—
A02: Cryptographic Failures	✗ No	—
A03: Injection	✗ No	—
A04: Insecure Design	✗ No	—
A05: Security Misconfiguration	✗ No	—

# OWASP Top 10 Mapping (Continued)

The assessment continued to evaluate the remaining OWASP Top 10 categories, with a focus on previously identified issues.

Category	Vulnerabilities Found	Note
A06: Vulnerable and Outdated Components	 Previously	mysql-connector-j updated to 9.3.0
A07: Identification and Authentication Failures	 No	—
A08: Software and Data Integrity Failures	 No	—
A09: Security Logging and Monitoring Failures	 No	—
A10: Server-Side Request Forgery	 No	—

# Remediated Issues: Vulnerable Component

One significant issue that was previously identified and has since been successfully remediated involved a vulnerable component within the system.

**Vulnerable Component:** `com.mysql:mysql-connector-j:9.1.0`

This component was identified as a security risk, falling under the OWASP category **A06: Vulnerable and Outdated Components**.

# Remediation Action and Details

To address the identified vulnerability, a critical update was performed.

**Updated to:** 9.3.0

The specific problem associated with this component was an "Incorrect Default Permissions" issue, identified by SNYK-JAVA-COMMysql-9725315. This remediation ensures that the system is no longer exposed to the risks associated with this particular vulnerability.