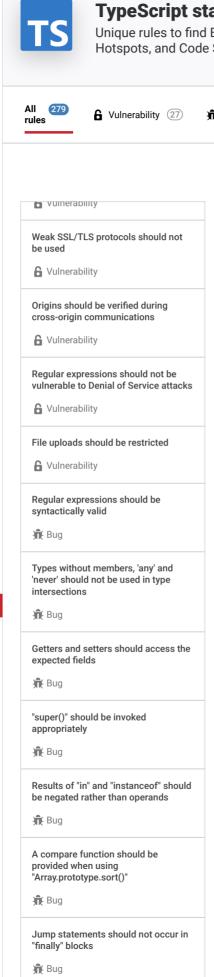
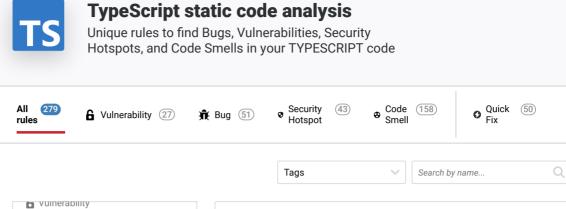
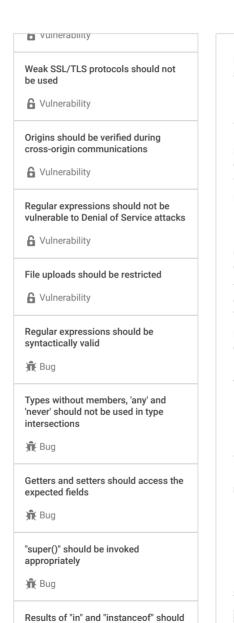


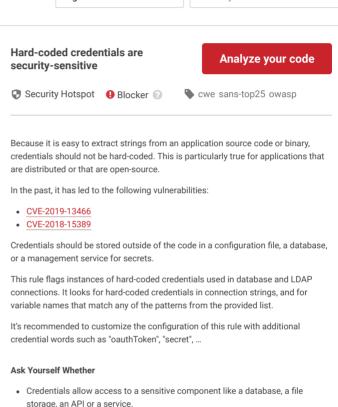
Products ✓











Application re-distribution is required before updating the credentials.

There is a risk if you answered yes to any of those questions.

· Credentials are used in production environments.

Recommended Secure Coding Practices

- Store the credentials in a configuration file that is not pushed to the code repository
- . Store the credentials in a database.
- Use your cloud provider's service for managing secrets
- If a password has been disclosed through the source code: change it.

Sensitive Code Example

```
var mysql = require('mysql');
var connection = mysql.createConnection(
 host: 'localhost',
 user: "admin",
 database: "project",
 password: "mypassword", // sensitive
 multipleStatements: true
connection.connect();
```

Compliant Solution

Using slow regular expressions is security-sensitive

Security Hotspot

Using publicly writable directories is security-sensitive

Security Hotspot

Using clear-text protocols is securitysensitive

Security Hotspot

Expanding archive files without controlling resource consumption is security-sensitive

Security Hotspot

```
var mysql = require('mysql');

var connection = mysql.createConnection({
  host: process.env.MYSQL_URL,
  user: process.env.MYSQL_USERNAME,
  password: process.env.MYSQL_PASSWORD,
  database: process.env.MYSQL_DATABASE
});
connection.connect();
```

See

- OWASP Top 10 2021 Category A7 Identification and Authentication Failures
- OWASP Top 10 2017 Category A2 Broken Authentication
- MITRE, CWE-798 Use of Hard-coded Credentials
- MITRE, CWE-259 Use of Hard-coded Password
- SANS Top 25 Porous Defenses
- Derived from FindSecBugs rule Hard Coded Password

Available In:

sonarcloud 🐼 | sonarqube

© 2008-2022 SonarSource S.A., Switzerland. All content is copyright protected. SONAR, SONARSOURCE, SONARLINT, SONARQUBE and SONARCLOUD are trademarks of SonarSource S.A. All other trademarks and copyrights are the property of their respective owners. All rights are expressly reserved.

Privacy Policy