

Text

T-SQL

**VB.NET** 

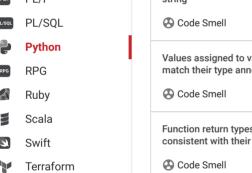
VB6

XML

TypeScript

月

тѕ





## **Python static code analysis**

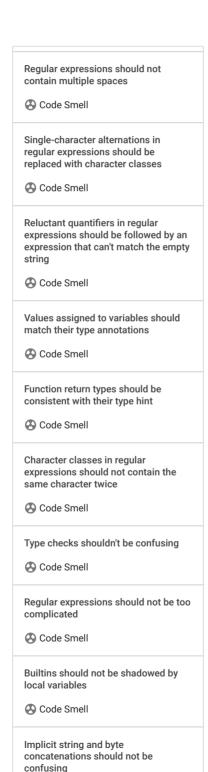
Unique rules to find Bugs, Vulnerabilities, Security Hotspots, and Code Smells in your PYTHON code



**Compliant Solution** 

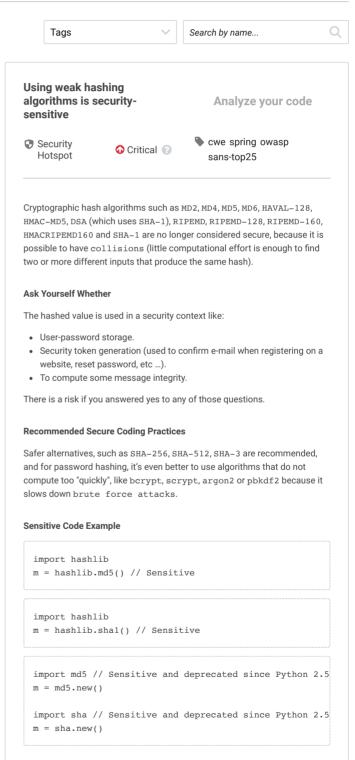
import hashlib

m = hashlib.sha512() // Compliant



Code Smell

Identity comparisons should not be



used with cached typed

Code Smell

Expressions creating sets should not have duplicate values

Code Smell

Expressions creating dictionaries should not have duplicate keys

Code Smell

Special method "\_exit\_" should not re-raise the provided exception

Code Smell

Unused scope-limited definitions should be removed

## See

- OWASP Top 10 2021 Category A2 Cryptographic Failures
- OWASP Top 10 2017 Category A3 Sensitive Data Exposure
- OWASP Top 10 2017 Category A6 Security Misconfiguration
- Mobile AppSec Verification Standard Cryptography Requirements • OWASP Mobile Top 10 2016 Category M5 - Insufficient Cryptography
- MITRE, CWE-1240 Use of a Risky Cryptographic Primitive
- SANS Top 25 Porous Defenses

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