Security Hotspot (15)

**Docker static code analysis** 

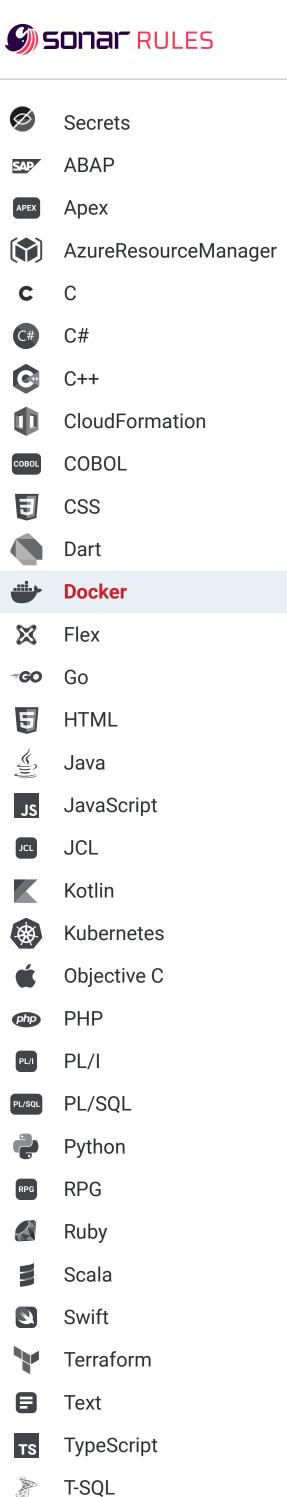
and Code Smells in your DOCKER code

6 Vulnerability 4

All rules 44

Unique rules to find Vulnerabilities, Security Hotspots,

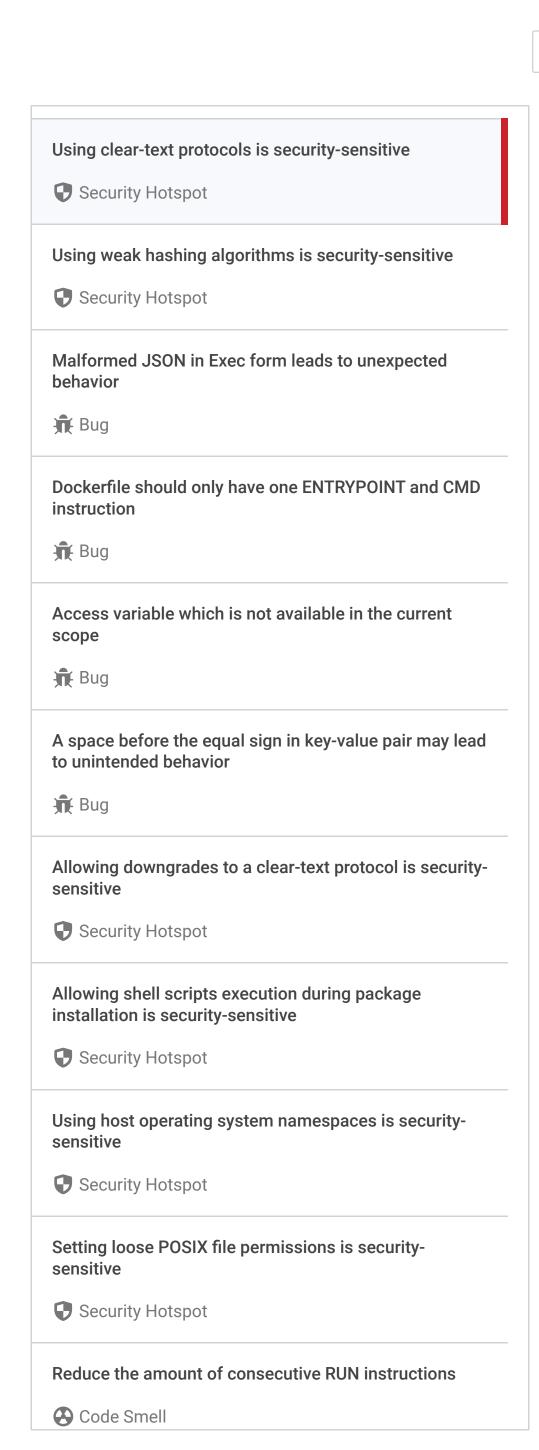
**R** Bug (4)

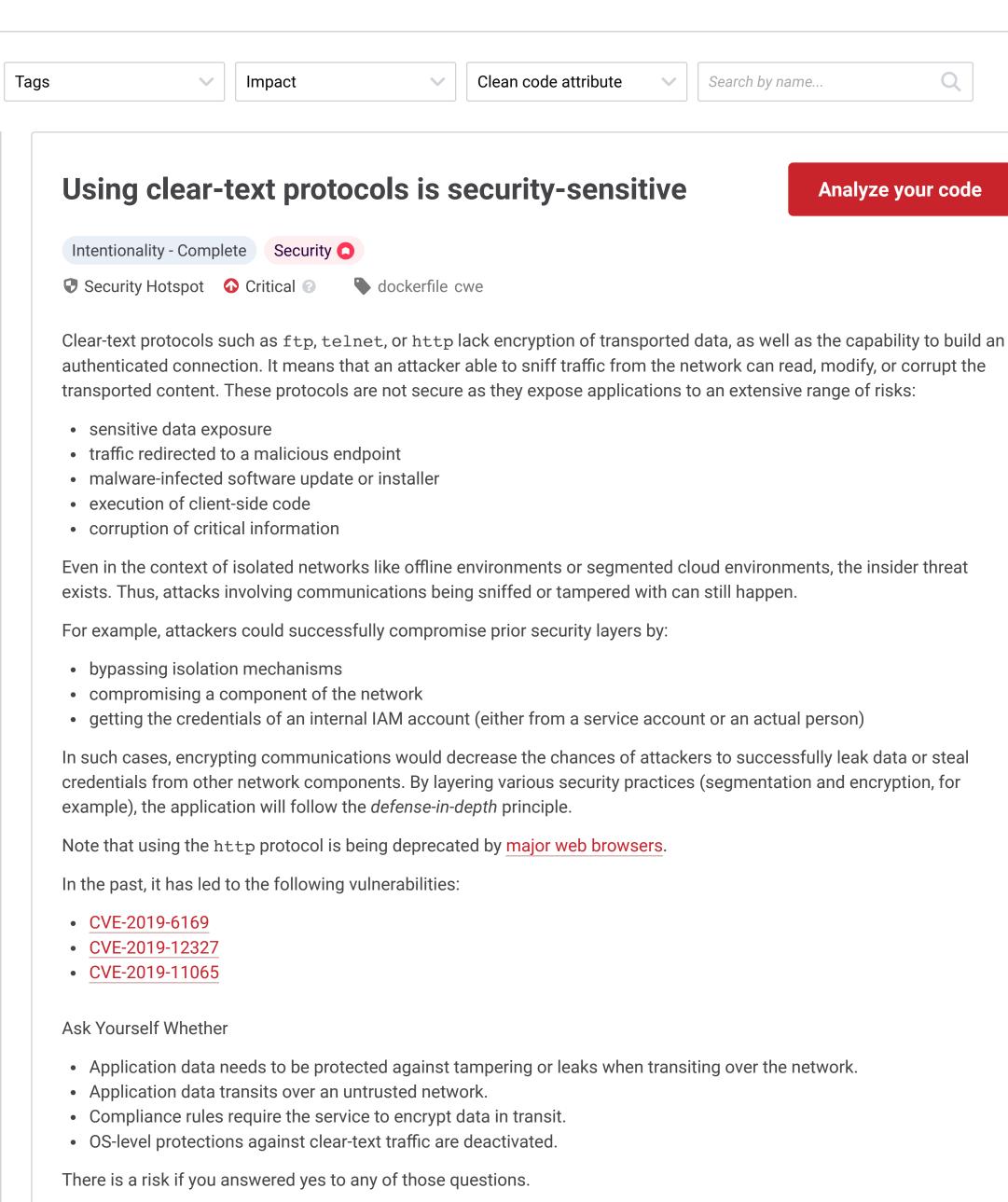


**VB.NET** 

VB6

**XML** 





Code Smell (21)

to compromise an entire application or system. Sensitive Code Example RUN curl http://www.example.com/

It is recommended to secure all transport channels, even on local networks, as it can take a single non-secure connection

• Make application data transit over a secure, authenticated and encrypted protocol like TLS or SSH. Here are a few

**Compliant Solution** 

RUN curl https://www.example.com/

Recommended Secure Coding Practices

Use https instead of http.

alternatives to the most common clear-text protocols:

• Use sftp, scp, or ftps instead of ftp.

## See

## Documentation

- AWS Documentation Listeners for your Application Load Balancers
- AWS Documentation Stream Encryption

## Articles & blog posts

- Google Moving towards more secure web
- Mozilla Deprecating non secure http

## Standards

- CWE CWE-200 Exposure of Sensitive Information to an Unauthorized Actor
- CWE CWE-319 Cleartext Transmission of Sensitive Information • STIG Viewer - Application Security and Development: V-222397 - The application must implement cryptographic
- mechanisms to protect the integrity of remote access sessions.
- STIG Viewer Application Security and Development: V-222534 Service-Oriented Applications handling non-releasable data must authenticate endpoint devices via mutual SSL/TLS.
- STIG Viewer Application Security and Development: V-222562 Applications used for non-local maintenance must implement cryptographic mechanisms to protect the integrity of maintenance and diagnostic communications.
- STIG Viewer Application Security and Development: V-222563 Applications used for non-local maintenance must
- implement cryptographic mechanisms to protect the confidentiality of maintenance and diagnostic communications. • STIG Viewer - Application Security and Development: V-222577 - The application must not expose session IDs.
- STIG Viewer Application Security and Development: V-222596 The application must protect the confidentiality and integrity of transmitted information.
- STIG Viewer Application Security and Development: V-222597 The application must implement cryptographic mechanisms to prevent unauthorized disclosure of information and/or detect changes to information during
- transmission. STIG Viewer - Application Security and Development: V-222598 - The application must maintain the confidentiality and integrity of information during preparation for transmission.
- STIG Viewer Application Security and Development: V-222599 The application must maintain the confidentiality and integrity of information during reception.

Available In: 



Q

**Analyze your code**