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Docker static code analysis

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

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Tags

Impact

Clean code attribute

Search by name...



Consent flag should be set to avoid manual input

Code Smell

Environment variables should not be unset on a different layer than they were set

Code Smell

Expanded filenames should not become options

Code Smell

Double quote to prevent globbing and word splitting

Code Smell

Instructions should be upper case

Code Smell

Allowing non-root users to modify resources copied to an image is security-sensitive

Security Hotspot

Automatically installing recommended packages is security-sensitive

Security Hotspot

Running containers as a privileged user is security-sensitive

Security Hotspot

Delivering code in production with debug features activated is security-sensitive

Security Hotspot

Use ADD instruction to retrieve remote resources

Code Smell

Arguments in long RUN instructions should be sorted

Code Smell

Instructions should be upper case

Analyze your code

Consistency - Formatted

Maintainability ⬆

Code Smell

Major ⓘ

convention

Why is this an issue?

How can I fix it?

More Info

Ensure that all Dockerfile instructions are written in uppercase letters. For instance, use FROM instead of from, RUN instead of run, and so on. By adopting this convention, you create a visual distinction between instructions and arguments.

Code examples

Noncompliant code example

```
from ubuntu:22.04 as jammy
```

Compliant solution

```
FROM ubuntu:22.04 AS jammy
```

Available In:

sonarlint



sonarcloud



sonarqube



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