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PHP static code analysis

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

All rules 268

Vulnerability 40

Bug 51

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Code Smell 144

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be used to end lines
Code Smell
More than one property should not be declared per statement
Code Smell
The "var" keyword should not be used
Code Smell
"<?php" and "<?=" tags should be used
Code Smell
File names should comply with a naming convention
Code Smell
Comments should not be located at the end of lines of code
Code Smell
Local variable and function parameter names should comply with a naming convention
Code Smell
Field names should comply with a naming convention
Code Smell
Lines should not end with trailing whitespaces
Code Smell
Files should contain an empty newline at the end
Code Smell
Modifiers should be declared in the correct order
Code Smell
An open curly brace should be located at the beginning of a line

"cgi.force_redirect" should be enabled

Analyze your code

Vulnerability

Major

cwe owasp php-ini

The `cgi.force_redirect` `php.ini` configuration is on by default, and it prevents unauthenticated access to scripts when PHP is running as a CGI. Unfortunately, it must be disabled on IIS, OmniHTTPD and Xitami, but in all other cases it should be on.

This rule raises an issue when when `cgi.force_redirect` is explicitly disabled.

Noncompliant Code Example

```
; php.ini
cgi.force_redirect=0 ; Noncompliant
```

See

- OWASP Top 10 2021 Category A5 - Security Misconfiguration
- OWASP Top 10 2017 Category A6 - Security Misconfiguration
- MITRE, CWE-305 - Authentication Bypass by Primary Weakness

Available In:

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 Code Smell

An open curly brace should be located at the end of a line

 Code Smell

Tabulation characters should not be used

 Code Smell

Method and function names should comply with a naming convention

 Code Smell

Creating cookies with broadly defined "domain" flags is security-sensitive

 Security Hotspot