



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

Quick Fix (41)





Search by name...

Alternation in regular expressions should not contain empty alternatives

Analyze your code

```
crypto.generateKeyPair('rsa', {
  modulusLength: 2048, // Compliant
  publicKeyEncoding: { type: 'spki', format: 'pem' },
  privateKeyEncoding: { type: 'pkcs8', format: 'pem' }
}, callback); // Compliant

crypto.generateKeyPair('ec', {
  namedCurve: 'secp224k1',
  publicKeyEncoding: { type: 'spki', format: 'pem' },
```

 Bug
Mocha timeout should be disabled by setting it to "0".  Bug
Unicode Grapheme Clusters should be avoided inside regex character classes  Bug
Assertions should not be given twice the same argument  Bug
Alternatives in regular expressions

```
privateKeyEncoding: { type: 'pkcs8', format: 'pem' }  
}, callback); // compliant
```

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
- [NIST 800-131A](#) - Recommendation for Transitioning the Use of Cryptographic Algorithms and Key Lengths
- [MITRE, CWE-326](#) - Inadequate Encryption Strength

Available In:

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