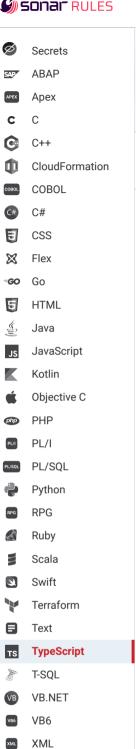
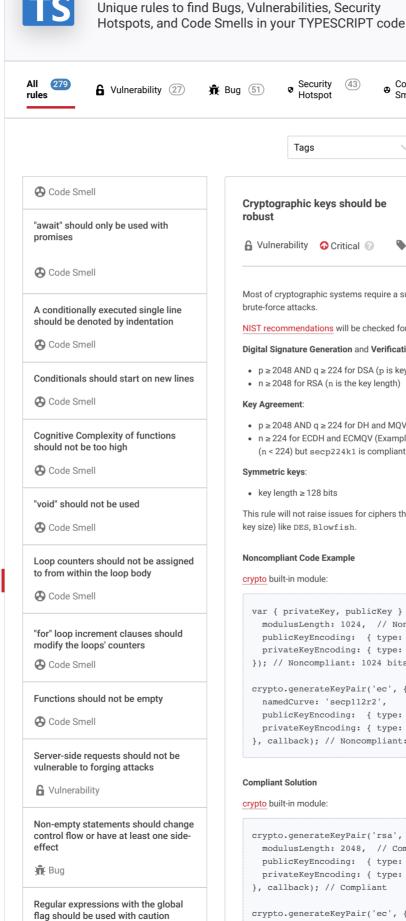
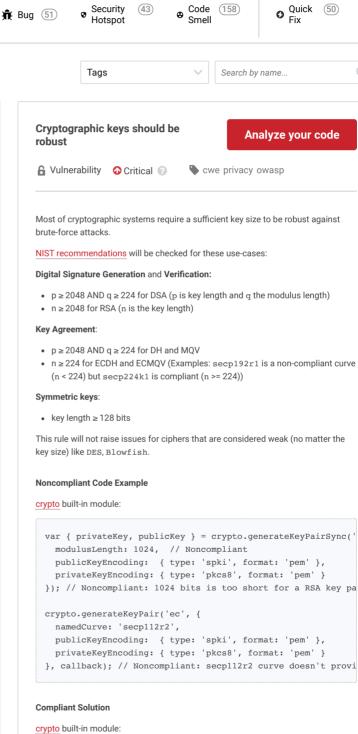
TypeScript static code analysis



Products >







crypto.generateKeyPair('rsa', {

}, callback); // Compliant

crypto.generateKeyPair('ec', {

namedCurve: 'secp224k1',

modulusLength: 2048, // Compliant

publicKeyEncoding: { type: 'spki', format: 'pem' },

privateKeyEncoding: { type: 'pkcs8', format: 'pem' }

publicKeyEncoding: { type: 'spki', format: 'pem' },

₩ Bud

Replacement strings should reference existing regular expression groups

Bug

Regular expressions should not contain control characters

Bug

Alternation in regular expressions should not contain empty alternatives

Bug

Mocha timeout should be disabled by setting it to "0".

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

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