sonarqube

Executive Report

Project Name
Crypto Primitives

Branch
master

Report date
2021-06-23

Size Rating
S

Lines of Code
5,631

Quality Gate
PASSED

Reliability

A

Bugs
0

Reliability on New Code
A

New Bugs
0

Security

A

Vulnerabilities
0

Security Hotspots
0

Security on New Code
A

New Vulnerabilities
0

New Security Hotspots
0

Maintainability

A

Code Smells
6

Debt Ratio
0.1%

Maintainability on New Code
A

New Code Smells
0

Debt Ratio on New Code
0%

Issues by Severity

	🐞	🔓	⚙
❗	0	0	0
⬆	0	0	0
🔺	0	0	6
⬇	0	0	0
ℹ	0	0	0

- ❗ Blocker
- 🔺 Critical
- 🔺 Major
- ⬇ Minor
- ℹ Info

- 🐞 Bug
- 🔓 Vulnerability
- ⚙ Code Smell

Coverage
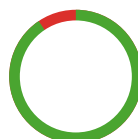
90.6%

Unit Tests
2,926

Coverage on New Code
94%

Duplications

1.1%

Duplicated Blocks
9

Duplications on New Code
0.3%

Project Name	Branch	Analysis Date
Crypto Primitives	master	2021-06-23

Top Common Issues

Severity	Rule	Type	# Issues
	Source files should not have any duplicated blocks (java)		6

Severity Levels
- Blocker
- Critical
- Major
- Minor
- Info

Multipe severities found

Issue Types
- Bug
- Vulnerability
- Security Hotspot
- Code Smell

bite**garden**

2

Project Name	**Branch**	**Analysis Date**
Crypto Primitives	master	2021-06-23

Top Issues By Severity

Severity	Rule	Type	# Issues
⬆	Source files should not have any duplicated blocks (java)	⚙	6

Severity Levels
- ❗ Blocker
- ⛔ Critical
- ⬆ Major
- ⬇ Minor
- ℹ Info

🔗 Multipe severities found

Issue Types
- 🐞 Bug
- 🔓 Vulnerability
- 🛈 Security Hotspot
- ⚙ Code Smell

Top Security HotSpots to Review

Severity	Rule	Type	# Issues

No Security HotSpots found

Severity Levels
- 🛑 Blocker
- ⓧ Critical
- ⬆ Major
- ⬇ Minor
- ⓘ Info

⚯ Multipe severities found

Issue Types
- Bug
- Vulnerability
- Security Hotspot
- Code Smell

bitegarden

3

Project Name	Branch	Analysis Date
Crypto Primitives	⑂ master	2021-06-23

Rule

Source files should not have any duplicated blocks

Language
java

Issues
6

An issue is created on a file as soon as there is at least one block of duplicated code on this file.

🏷 **pitfall**

Issues Breakdown

📄 src/main/java/ch/post/it/evoting/cryptoprimitives/mixnet/MultiExponentiationArgument.java
1 duplicated blocks of code must be removed.

📄 src/main/java/ch/post/it/evoting/cryptoprimitives/mixnet/HadamardArgument.java
2 duplicated blocks of code must be removed.

📄 src/main/java/ch/post/it/evoting/cryptoprimitives/mixnet/ProductArgument.java
2 duplicated blocks of code must be removed.

📄 src/main/java/ch/post/it/evoting/cryptoprimitives/mixnet/ShuffleArgument.java
1 duplicated blocks of code must be removed.

📄 src/main/java/ch/post/it/evoting/cryptoprimitives/mixnet/SingleValueProductArgument.java
1 duplicated blocks of code must be removed.

📄 src/main/java/ch/post/it/evoting/cryptoprimitives/mixnet/ZeroArgument.java
2 duplicated blocks of code must be removed.