

Security Findings of Project "baseCaseInterProc"

Analysis Date: 2020-04-17 05:31:39

Analyzed Workspace:

| | | | |
|-----------|---|-------------------------------|----|
| Packages: | 1 | Total LOC: | 28 |
| Classes: | 1 | No. of Bytecode Instructions: | 63 |

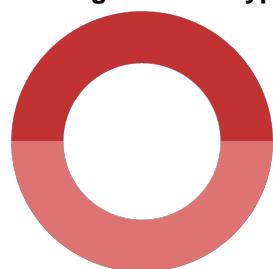
Computed Call Graph:

| | | | |
|----------------------------|---|----------------------------|---|
| Classes not in Call Graph: | 0 | Methods not in Call Graph: | 0 |
|----------------------------|---|----------------------------|---|

Findings in List:

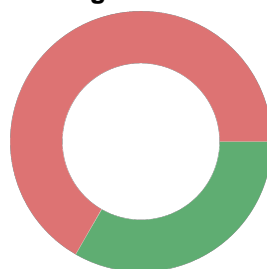
| | | | |
|---------------|---|-----------------------|---|
| All Findings: | 3 | Problematic Findings: | 2 |
|---------------|---|-----------------------|---|

Finding Problem Types:



■ Cryptography: Crypto...: 1
■ Cryptography: Check ...: 1

Finding Classifications:



■ High risk: 2
■ No risk: 1

Finding Ratings:

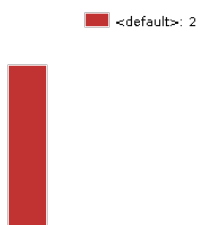


■ Medium risk: 1
■ Low risk: 1

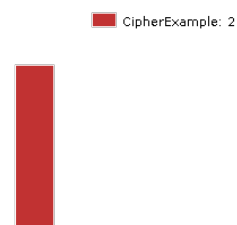
OWASP Top 10 2017



Hot Spots (Packages)



Hot Spots (Classes)



Findings List

| | | | |
|------------------------|--|------------------------|--|
| Finding ID: | 3 | Problem Type: | Cryptography: Check that only allowed crypto algorithms are used (Protocol Check Findings) |
| Classification: | Warning | Date: | 2020-04-17 05:31:39 - new |
| Rating: | 5.00 | Reviewed State: | Not Reviewed |
| Location: | CipherExample.java (<Source Code>):24 | | |
| Tags: | no tags assigned | | |
| Comment: | <i>no comment</i> | | |
| Description: | <p>An identified location for problem type 'Cryptography: Check that only allowed crypto algorithms are used'.</p> <p>The protocol check detected something wrong when encountering symbol 'AnyAlgorithm_CipherConstruction':</p> <p>Only AES is allowed as algorithm for encryption or decryption.</p> <p>Violated protocol: Check Allowed Cryptography Algorithms</p> <p>Protocol description:</p> <p>Allow only a given set of cryptography algorithm names where algorithm names are expected.</p> <p>The algorithm names are configured via constant value constraint variables.</p> <p>Names to be checked against can be found here: https://docs.oracle.com/javase/8/docs/technotes/guides/security/StandardNames.html</p> <p>Matching pattern in protocol check kind 'AnyAlgorithm_CipherConstruction':</p> <pre>static javax.crypto.Cipher javax.crypto.Cipher.getInstance(java.lang.String, ***)</pre> | | |

| | | | |
|------------------------|---|------------------------|---|
| Finding ID: | 2 | Problem Type: | Cryptography: Cryptographic Algorithms Used in Project (Special Code) |
| Classification: | Information | Date: | 2020-04-17 05:31:39 - new |
| Rating: | 0.00 | Reviewed State: | Not Reviewed |
| Location: | CipherExample.java (<Source Code>):24 | | |
| Tags: | no tags assigned | | |
| Comment: | <i>no comment</i> | | |
| Description: | <p>An identified location for problem type 'Cryptography: Cryptographic Algorithms Used in Project'.</p> <p>Declared in: javax.crypto.Cipher</p> <p>Matching pattern in special code kind 'Cryptography: Cryptographic Algorithms Used in Project':</p> <pre>static javax.crypto.** javax.crypto.**.getInstance(java.lang.String)</pre> | | |

| | | | |
|------------------------|---|------------------------|---|
| Finding ID: | 1 | Problem Type: | Cryptography: Cryptographic Algorithms w/o Specified Crypto-Provider (Special Code) |
| Classification: | Warning | Date: | 2020-04-17 05:31:39 - new |
| Rating: | 1.00 | Reviewed State: | Not Reviewed |
| Location: | CipherExample.java (<Source Code>):24 | | |
| Tags: | no tags assigned | | |
| Comment: | <i>no comment</i> | | |
| Description: | <p>An identified location for problem type 'Cryptography: Cryptographic Algorithms w/o Specified Crypto-Provider'.</p> <p>Declared in: javax.crypto.Cipher</p> <p>Matching pattern in special code kind 'Cryptography: Cryptographic Algorithms w/o Specified Crypto-Provider':</p> <pre>static javax.crypto.** javax.crypto.**.getInstance(java.lang.String)</pre> | | |

Findings List