

Security Findings of Project "aesGCMNoPadding"

Analysis Date: 2020-03-07 08:45:44

Analyzed Workspace:

Packages:	1	Total LOC:	12
Classes:	1	No. of Bytecode Instructions:	22

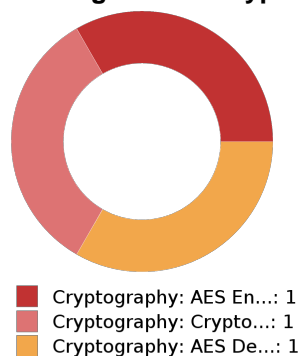
Computed Call Graph:

Classes not in Call Graph:	0	Methods not in Call Graph:	0
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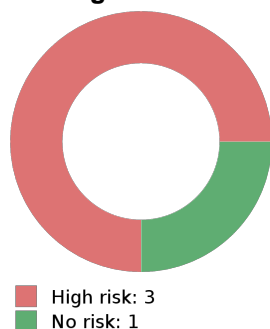
Findings in List:

All Findings:	4	Problematic Findings:	3
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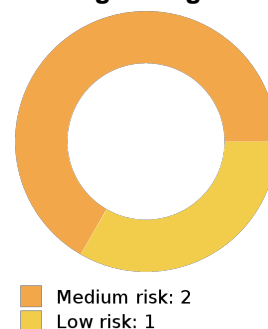
Finding Problem Types:



Finding Classifications:



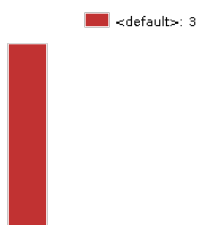
Finding Ratings:



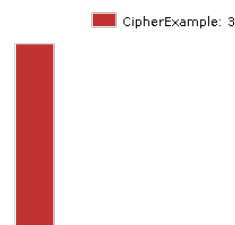
OWASP Top 10 2017



Hot Spots (Packages)



Hot Spots (Classes)



Findings List

Finding ID:	3	Problem Type:	Cryptography: AES Decryption (Protocol Check Findings)
Classification:	Warning	Date:	2020-03-07 08:45:44 - new
Rating:	5.00	Reviewed State:	Not Reviewed
Location:	CipherExample.java (<Source Code>):10		
Tags:	no tags assigned		
Comment:	no comment		
Description:	<p>An identified location for problem type 'Cryptography: AES Decryption'. Dataflow ended in a state that was not GOOD.</p> <p>Violated protocol: Creation of an AES Cipher for Decryption Protocol description: Creation of a cipher for AES consists of creating an uninitialized cipher, and then initializing it properly, either for encryption or for decryption.</p>		

Finding ID:	4	Problem Type:	Cryptography: AES Encryption (Protocol Check Findings)
Classification:	Warning	Date:	2020-03-07 08:45:44 - new
Rating:	5.00	Reviewed State:	Not Reviewed
Location:	CipherExample.java (<Source Code>):10		
Tags:	no tags assigned		
Comment:	no comment		
Description:	<p>An identified location for problem type 'Cryptography: AES Encryption'. Dataflow ended in a state that was not GOOD.</p> <p>Violated protocol: Creation of an AES Cipher for Encryption Protocol description: Creation of a cipher for AES consists of creating an uninitialized cipher, and then initializing it properly.</p>		

Finding ID:	2	Problem Type:	Cryptography: Cryptographic Algorithms Used in Project (Special Code)
Classification:	Information	Date:	2020-03-07 08:45:44 - new
Rating:	0.00	Reviewed State:	Not Reviewed
Location:	CipherExample.java (<Source Code>):9		
Tags:	no tags assigned		
Comment:	no comment		
Description:	<p>An identified location for problem type 'Cryptography: Cryptographic Algorithms Used in Project'. Declared in: javax.crypto.Cipher</p> <p>Matching pattern in special code kind 'Cryptography: Cryptographic Algorithms Used in Project': static javax.crypto.** javax.crypto.**.getInstance(java.lang.String)</p>		

Findings List

Finding ID:	1	Problem Type:	Cryptography: Cryptographic Algorithms w/o Specified Crypto-Provider (Special Code)
Classification:	Warning	Date:	2020-03-07 08:45:44 - new
Rating:	1.00	Reviewed State:	Not Reviewed
Location:	CipherExample.java (<Source Code>):9		
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>		