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**Blockchain Security | Smart Contract Audits | KYC**

MADE IN GERMANY

**XSURGE**

**Audit**

**Security Assessment**

**19. March, 2022**

**For**

**X\$URGE**

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Version	Date	Description
1.0	19. March 2022	<ul style="list-style-type: none"><li>• Layout project</li><li>• Automated- /Manual-Security Testing</li><li>• Summary</li></ul>

## **Network**

Binance Smart Chain (BEP20)

## **Website**

<https://xsurge.net/>

## **Telegram**

<https://t.me/XSURGEDEFI>

## **Twitter**

<https://twitter.com/XSURGEDEFI>

## **Facebook**

<https://www.facebook.com/groups/XSURGEDEFI>

## **Instagram**

<https://www.instagram.com/XSURGEDEFI/>

## **Reddit**

<https://www.reddit.com/r/XSURGE/>

## **Discord**

<https://discord.com/invite/XSURGE>

## Description

Surge is the first of its kind that only allows for growth. The tokens use very low fees to raise the price floor with every transaction, whether it be buys, sells, or wallet-to-wallet transfers

## Project Engagement

During the 19th of March 2022, **XSURGE Team** engaged Solidproof.io to audit smart contracts that they created. The engagement was technical in nature and focused on identifying security flaws in the design and implementation of the contracts. They provided Solidproof.io with access to their code repository and whitepaper.

## Logo

## Contract Link v1.0

- Provided as files

# Vulnerability & Risk Level

Risk represents the probability that a certain source-threat will exploit vulnerability, and the impact of that event on the organization or system. Risk Level is computed based on CVSS version 3.0.

Level	Value	Vulnerability	Risk (Required Action)
<b>Critical</b>	9 - 10	A vulnerability that can disrupt the contract functioning in a number of scenarios, or creates a risk that the contract may be broken.	Immediate action to reduce risk level.
<b>High</b>	7 – 8.9	A vulnerability that affects the desired outcome when using a contract, or provides the opportunity to use a contract in an unintended way.	Implementation of corrective actions as soon as possible.
<b>Medium</b>	4 – 6.9	A vulnerability that could affect the desired outcome of executing the contract in a specific scenario.	Implementation of corrective actions in a certain period.
<b>Low</b>	2 – 3.9	A vulnerability that does not have a significant impact on possible scenarios for the use of the contract and is probably subjective.	Implementation of certain corrective actions or accepting the risk.
<b>Informational</b>	0 – 1.9	A vulnerability that have informational character but is not effecting any of the code.	An observation that does not determine a level of risk

# Auditing Strategy and Techniques Applied

Throughout the review process, care was taken to evaluate the repository for security-related issues, code quality, and adherence to specification and best practices. To do so, reviewed line-by-line by our team of expert pentesters and smart contract developers, documenting any issues as there were discovered.

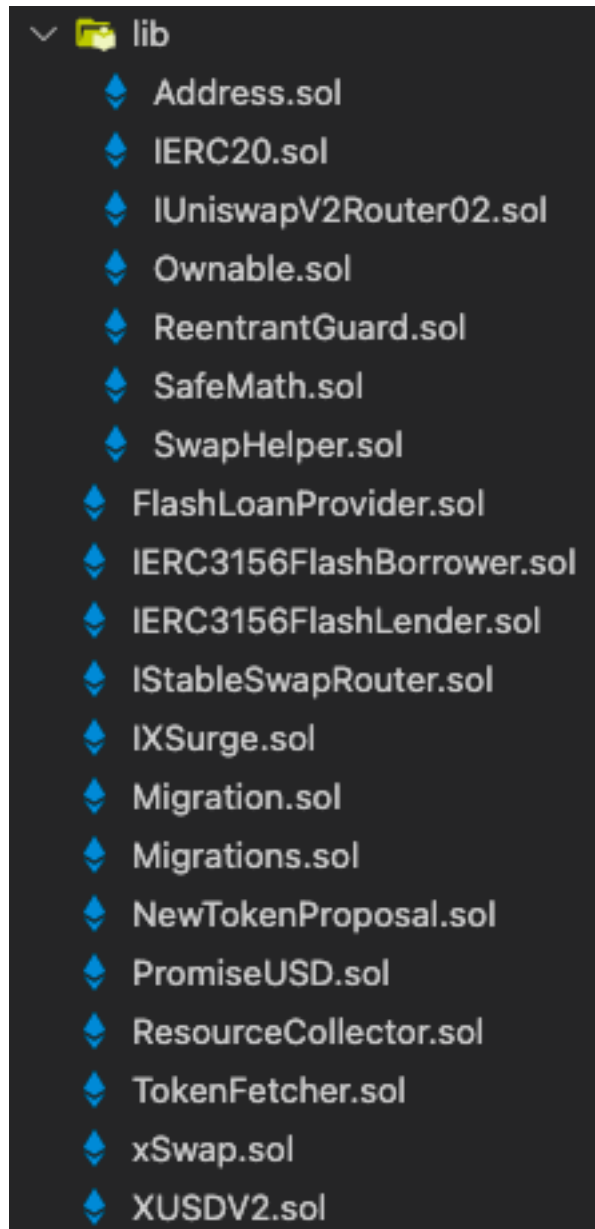
## **Methodology**

The auditing process follows a routine series of steps:

1. Code review that includes the following:
  - i) Review of the specifications, sources, and instructions provided to SolidProof to make sure we understand the size, scope, and functionality of the smart contract.
  - ii) Manual review of code, which is the process of reading source code line-by-line in an attempt to identify potential vulnerabilities.
  - iii) Comparison to specification, which is the process of checking whether the code does what the specifications, sources, and instructions provided to SolidProof describe.
2. Testing and automated analysis that includes the following:
  - i) Test coverage analysis, which is the process of determining whether the test cases are actually covering the code and how much code is exercised when we run those test cases.
  - ii) Symbolic execution, which is analysing a program to determine what inputs causes each part of a program to execute.
3. Best practices review, which is a review of the smart contracts to improve efficiency, effectiveness, clarify, maintainability, security, and control based on the established industry and academic practices, recommendations, and research.
4. Specific, itemized, actionable recommendations to help you take steps to secure your smart contracts.

## Used Code from other Frameworks/Smart Contracts (direct imports)

Imported packages:





## Tested Contract Files

This audit covered the following files listed below with a SHA-1 Hash.

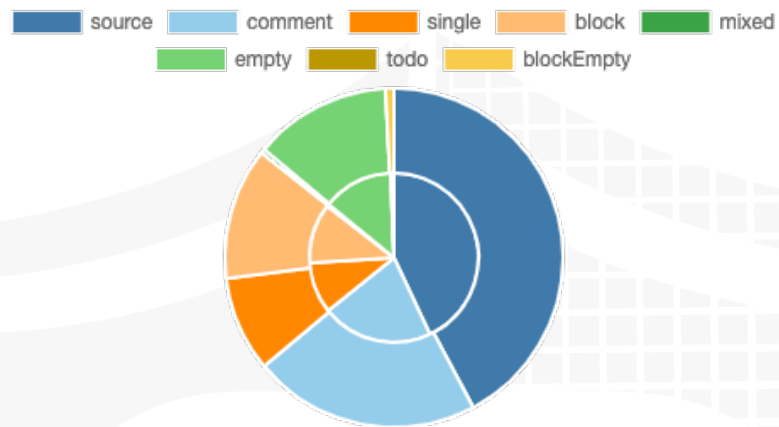
*A file with a different Hash has been modified, intentionally or otherwise, after the security review. A different Hash could be (but not necessarily) an indication of a changed condition or potential vulnerability that was not within the scope of this review.*

### v1.0

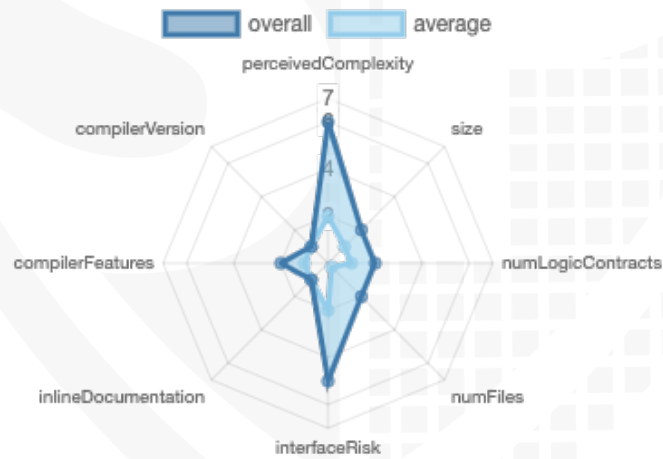
File Name	SHA-1 Hash
contracts/IERC3156FlashLender.sol	6fe140a50b566af15240c67b369eb1f28df2291c
contracts/IStableSwapRouter.sol	ec45d4c4c340c220902aa526bdb3eaa9c1827797
contracts/XUSDV2.sol	54104d577dfb15239237256c97506c0b089f753a
contracts/PromiseUSD.sol	eb1affcc8b9af7c1a239fab272419ee6110e8a4a
contracts/xSwap.sol	7946ffe8dab12dbbb9f5c226452cc2ad4deed09a
contracts/TokenFetcher.sol	39537e173fc21f055ca544875b47f294d532185c
contracts/NewTokenProposal.sol	5a1277c25521223e9f802b03827609844f841a9a
contracts/IXSurge.sol	1f619a8fd54af543e7d6d3c4db952ed7d4713348
contracts/IERC3156FlashBorrower.sol	2731967fc9e337a8bbbd584458d4889f88b58888

# Metrics

## Source Lines v1.0



## Risk Level v1.0



## Capabilities

### Components

Version	Contracts	Libraries	Interfaces	Abstract
1.0	5	0	10	0

### Exposed Functions

*This section lists functions that are explicitly declared public or payable. Please note that getter methods for public stateVars are not included.*

Version	Public	Payable
1.0	109	5

Version	External	Internal	Private	Pure	View
1.0	92	118	4	7	27

### State Variables

Version	Total	Public
1.0	52	36

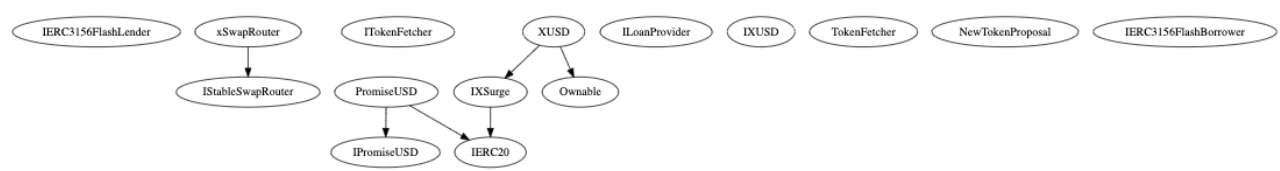
### Capabilities

Version	Solidity Versions observed	Experimental Features	Can Receive Funds	Uses Assembly	Has Destroyable Contracts
1.0	0.8.4		yes		

Version	Transfers ETH	Low-Level Calls	DelegateCall	Uses Hash Functions	EC Recover	New/Create/Create2
1.0	yes					

# Inheritance Graph

## v1.0



CallGraph  
v1.0



## Scope of Work/Verify Claims

The above token Team provided us with the files that needs to be tested (Github, Bscscan, Etherscan, files, etc.). The scope of the audit is the main contract (usual the same name as team appended with .sol).

We will verify the following claims:

1. Overall checkup (Smart Contract Security)



## Write functions of contract v1.0

NEWTOKENPROPOSAL

approvePendingStable

changeOwnership

pairXUSD

proposeStable

PROMISEUSD

approve

burnCollateral

makePayment

mint

pairXUSD

setApprovedContract

setNonce

takeLoan

takeLoan

transfer

transferFrom

MIGRATION

migrate

pairXUSDV2

setTaxFreeAmounts

XSWAPROUTER

addXToken

changeOperator

exchange

exchange

exchange

exchange

removeXToken

restrictTokenAccess

setFeeRank

setRates

unRestrictTokenAccess

TOKENFETCHER

balanceToStable

bnbToStable

burnXUSD

withdraw

RESOURCECOLLECTOR

addResource

bnbToToken

changeOwner

changeResourcePoints

deliver

deliverSellableTokens

deliverToken

removeResource

sellAllAndDeliver

sellAndDeliver

sellXUSD

tokenToBNB

sellSurge

sellXUSDAndDeliver

FLASHLOANPROVIDER

changeOwner

flashLoan

fulfillFlashLoanRequest

setFeeRank

setXUSD

XUSD

addStable

approve

burn

changeOwner

disableMintForStable

exchange

mintWithBacking

mintWithBacking

mintWithNative

redeemForLostAccount

removeStable

requestFlashLoan

requestPromiseTokens

sell

sell

sell

setApprovedPromiseUSD...

setFees

setPermissions

transfer

transferFrom

upgradeFlashLoanProvider

upgradeResourceCollector

upgradeTokenFetcher

upgradeXSwapRouter

withdrawNonStableToken

## Overall checkup (Smart Contract Security)

Tested	Verified
✓	✓

### Legend

Attribute	Symbol
Verified / Checked	✓
Partly Verified	⚠
Unverified / Not checked	✗
Not available	—



# Modifiers and public functions

## v1.0

### FlashLoanProvider

- ✓ **setXUSD**
    - Ⓜ onlyOwner
  - ✓ **setFeeRank**
    - Ⓜ onlyOwner
  - ✓ **flashLoan**
  - ✓ **fulfillFlashLoanRequest**
- 
- ✓ **changeOwner**
    - Ⓜ onlyOwner

### PromiseUSD

- ✓ **approve**
- ✓ **transfer**
- ✓ **transferFrom**
- ✓ **pairXUSD**
- ✓ **setApprovedContract**
  - Ⓜ onlyXUSD
- ✓ **burnCollateral**
  - Ⓜ onlyApproved
- ✓ **makePayment**
  - Ⓜ onlyApproved
- ✓ **takeLoan**
  - Ⓜ onlyApproved
- ✓ **setNonce**
  - Ⓜ onlyApproved
- ✓ **mint**
  - Ⓜ onlyXUSD

### Migration

- ✓ **pairXUSDV2**
  - Ⓜ onlyOwner
- ✓ **setTaxFreeAmounts**
  - Ⓜ onlyOwner
- ✓ **migrate**

### NewTokenProposal

- ✓ **approvePendingStable**
  - Ⓜ onlyOwner
- ✓ **proposeStable**
  - Ⓜ onlyOwner
- ✓ **pairXUSD**
  - Ⓜ onlyOwner
- ✓ **changeOwnership**
  - Ⓜ onlyOwner

## ResourceCollector

- tokenToBNB
  - onlyOwner
- bnbToToken
  - onlyOwner
- deliver
  - onlyOwner
- sellAndDeliver
  - onlyOwner
- sellIXUSDAndDeliver
  - onlyOwner
- sellAllAndDeliver
  - onlyOwner
- deliverToken
  - onlyOwner
- deliverSellableTokens
  - onlyOwner
- sellIXUSD
  - onlyOwner
- sellSurge
  - onlyOwner
- changeResourcePoints
  - onlyOwner
- addResource
  - onlyOwner
- removeResource
  - onlyOwner

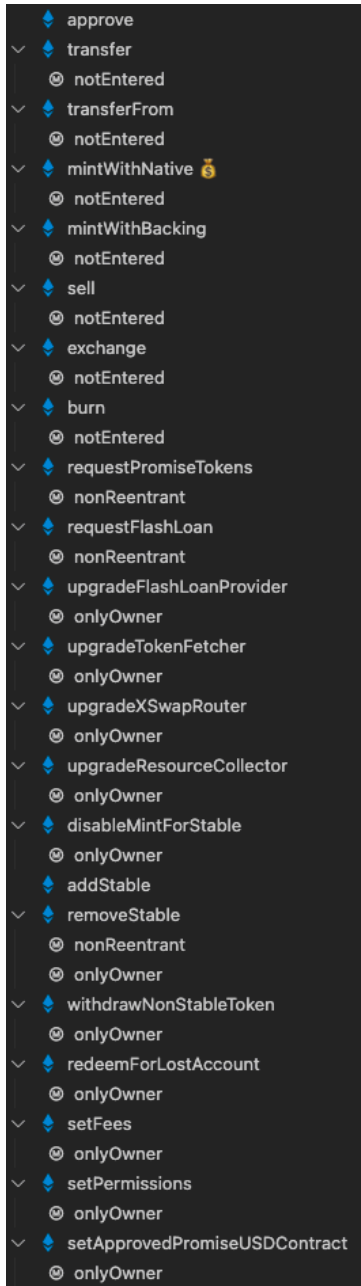
## TokenFetcher

- bnbToStable 💰
- balanceToStable
- withdraw
- burnXUSD

## xSwap

- changeOperator
  - onlyOperator
- setRates
  - onlyOperator
- addXToken
  - onlyOperator
- setFeeRank
  - onlyOperator
- removeXToken
  - onlyOperator
- restrictTokenAccess
  - onlyOperator
- unRestrictTokenAccess
  - onlyOperator
- exchange

## XUSDV2



## Comments

- **Deployer can set following state variables without any limitations**
  - [Migration.sol](#)
    - taxFreeAmount
  - [ResourceCollector](#)
    - receivers[resource].points
  - [XUSDV2](#)
    - [resourceAllocationPercentage](#)
- **Deployer can enable/disable following state variables**
  - [xSwap](#)

- [tokenDeniedFromSwap\[token\]](#)
- [XUSDV2](#)
  - stableAssets[stable].mintDisabled
  - isTransferFeeExempt[Contract]
- **Deployer can set following addresses**
  - [FlashLoanProvider.sol](#)
    - XUSD
      - Only once if address is zero address and the new address isn't
  - [NewTokenProposal](#)
    - pendingStableToken
    - XUSD
      - Only once if address is zero address and the new address isn't
    - owner
  - [PromiseUSD](#)
    - XUSD
      - Only once if address is zero address and the new address isn't
    - nonces[msg.sender]
  - [xSwap](#)
    - operator
    - xTokens[xtoken].resourceCollector
  - [XUSDV2](#)
    - flashLoanProvider
    - TokenFetcher
    - xSwapRouter
    - resourceCollector
    -
- [FlashLoanProvider](#)
  - If feeRank is 2 from address, the calculated flash fee will be every time zero in L101
- [Migration](#)
  - XUSDV can only be paired once
- [PromiseUSD](#)
  - Only XUSD can mint new tokens
- [ResourceCollector](#)
  - Owner can send token to bnb
- [XUSDV2](#)
  - Anybody can
    - Burn



















- Mint
- Fees are set to 0.75% by default but can be set to 2% with setFees function
- Owner can disable minting

**Please check if an OnlyOwner or similar restrictive modifier has been forgotten.**



# Source Units in Scope

## v1.0

Type	File	Logic Contracts	Interfaces	Lines	nLines	nSLOC	Comment Lines	Complex. Score	Capabilities
	contracts/IERC3156FlashLender.sol	—————	1	35	12	4	19	7	
	contracts/IStableSwapRouter.sol	—————	1	20	9	3	10	7	—————
	contracts/XUSDV2.sol	1	3	965	945	518	291	483	
	contracts/PromiseUSD.sol	1	1	381	355	172	149	148	
	contracts/xSwap.sol	1	—————	245	237	169	23	106	
	contracts/TokenFetcher.sol	1	1	57	54	39	3	50	
	contracts/NewTokenProposal.sol	1	1	73	70	45	10	38	—————
	contracts/IXSurge.sol	—————	1	21	11	4	5	26	
	contracts/IERC3156FlashBorrower.sol	—————	1	21	14	3	10	3	
	<b>Totals</b>	<b>5</b>	<b>10</b>	<b>1818</b>	<b>1707</b>	<b>957</b>	<b>520</b>	<b>868</b>	

### Legend

Attribute	Description
Lines	total lines of the source unit
nLines	normalized lines of the source unit (e.g. normalizes functions spanning multiple lines)
nSLOC	normalized source lines of code (only source-code lines; no comments, no blank lines)
Comment Lines	lines containing single or block comments
Complexity Score	a custom complexity score derived from code statements that are known to introduce code complexity (branches, loops, calls, external interfaces, ...)

# Audit Results

## AUDIT PASSED

### Critical issues

No critical issues

### High issues

No high issues

### Medium issues

No medium issues

### Low issues

Issue	File	Type	Line	Description
#1	Main	Contract doesn't import npm packages from source (like OpenZeppelin etc.)	-	We recommend to import all packages from npm directly without flatten the contract. Functions could be modified or can be susceptible to vulnerabilities
#2	FlashLoanProvider	Missing Zero Address Validation (missing-zero-check)	51	Check that the address is not zero
#3	NewTokenProposal	Missing Zero Address Validation (missing-zero-check)	70	Check that the address is not zero
#4	Ownable	Missing Zero Address Validation (missing-zero-check)	39	Check that the address is not zero.
#5	ResourceCollector	Missing Zero Address Validation (missing-zero-check)	46	Check that the address is not zero

#6	TokenF etcher	Missing Zero Address Validation (missing- zero-check)	16	Check that the address is not zero
#7	XUSDV2	Missing Zero Address Validation (missing- zero-check)	773	Check that the address is not zero
#8	FlashLo anProvi der	State variable visibility is not set	42	It is best practice to set the visibility of state variables explicitly
#9	Migratio n	State variable visibility is not set	31	It is best practice to set the visibility of state variables explicitly
#10	Promise USD	State variable visibility is not set	42, 71	It is best practice to set the visibility of state variables explicitly
#11	TokenF etcher	State variable visibility is not set	14	It is best practice to set the visibility of state variables explicitly
#12	XUSDV2	State variable visibility is not set	44, 47, 48	It is best practice to set the visibility of state variables explicitly
#13	Resourc eCollect or	Missing Events Arithmetic	152, 138	Emit an event for critical parameter changes
#14	FlashLo anProvi der	Remove semicolon	118	Remove semicolon at the end
#15	FlashLo anProvi der	Remove memory identifier	28	Remove "memory" in struct
#16	FlashLo anProvi der	Library missing	Top of file	IERC20 library is not imported from lib folder
#17	FlashLo anProvi der	Undeclared identifier	141	"Receiver" is not declared, did you mean data.receiver?
#18	FlashLo anProvi der	Override identifier is missing	73	Add an override identifier to the function



#19	FlashLoanProvider	Functions are missing in IXUSD interface	See description	<p>Add the following function to the IXUSD interface:</p> <ul style="list-style-type: none"> <li>- requestFlashLoan L124</li> <li>- resourceCollector L164</li> </ul> <p>Make sure that the above functions are existing in the XUSDV2 also.</p>
#20	FlashLoanProvider	XUSD parameter cannot be immutable	41	<p>XUSD variable cannot be immutable because the contract can set it with setXUSD function.</p> <p>Remove immutable identifier.</p>
#21	Migration	Undeclared identifier	56, 59	<p>taxFreeAmounts is missing.</p> <p>Remove the “s” at the end of the word because it is existing in the contract in L17</p>
#22	NewTokenProposal	Library missing	Top of file	IERC20 library is not imported from lib folder
#23	PromiseUSD	Interface function and override function does not match	73	<p>Interface “makePayment” function does not have a return but the overridden function does.</p> <p>Add/remove return value to/from one of the functions.</p>
#24	ResourceCollector	Remove comma	144	Remove comma at the end of parameter list
#25	ResourceCollector	Interface is already declared	11	<p>IXSurge is already declared from SwapHelper library.</p> <p>We recommend to remove interface in file.</p>
#26	ResourceCollector	Library missing	Top of file	Ownable library is not imported from lib folder
#27	ResourceCollector	onlyOwner declared twice	41	Remove onlyOwner function because it is already declared from Ownable file if you import it from lib folder

#28	ResourceCollector	changeOwner declared twice	50	Remove changeOwner function because it is already declared from Ownable file if you import it from lib folder
#29	ResourceCollector	owner declared twice	40	Remove owner function because it is already declared from Ownable file if you import it from lib folder
#30	ResourceCollector	Wrong parameter used	135, , 138, 139, 172, 174, 175	Please take care of the right state variables which you are using
#31	ResourceCollector	Struct type is missing	22	"Allocation" is missing
#32	xSwap	hFee is not declared	217	hFee is not declared
#33	xSwap	Function does not override anything	See description	Remove override identifier from following functions: - expectedOut L163 - getFeeOut L167
#34	xSwap	xToken does not exist	98, 103, 104, 105, 120, 133, 174, 218, 220	Replace xToken with xTokens (be aware of the s at the end)
#35	xSwap	Struct type is missing	15	Add the resourceCollector type to the struct if you want to use it in L104
#36	xSwap	Convertible issue	148, 152	Type int is not implicitly convertible to type address
#37	xSwap	Inheriting	12	If you are inheriting from a contract, you have to implement its functions also in the main contract
#38	xSwap	Add view identifier	231	Add view identifier to _getFee function

## Informational issues

Issue	File	Type	Line	Description
#1	FlashLoanProvider	State variables that could be declared constant (constable-states)	45, 49, 48, 46, 47	Add the `constant` attributes to state variables that never change

#2	Migration	State variables that could be declared constant (constable-states)	23	Add the `constant` attributes to state variables that never change
#3	Migration	Unused state variables	23	Remove unused state variables
#4	Main	NatSpec documentation missing	-	If you started to comment your code, also comment all other functions, variables etc.
#5	FlashLoanProvider	Require message missing	65	Provide an error message
#6	NewTokenProposal	Require message missing	52, 53	Provide an error message
#7	ResourceCollector	Require message missing	112, 135, 136,	Provide an error message
#8	TokenFetcher	Require message missing	34	Provide an error message
#9	XUSDV2	Require message missing	All require statements	Provide an error message

## Audit Comments

We recommend you to use the special form of comments (NatSpec Format, Follow link for more information <https://docs.soliditylang.org/en/v0.5.10/natspec-format.html>) for your contracts to provide rich documentation for functions, return variables and more. This helps investors to make clear what that variables, functions etc. do.

### 19. March 2022:

- Read whole report carefully for more information

## SWC Attacks

ID	Title	Relationships	Status
<a href="#">SW C-1 36</a>	Unencrypted Private Data On-Chain	<a href="#">CWE-767: Access to Critical Private Variable via Public Method</a>	PASSED
<a href="#">SW C-1 35</a>	Code With No Effects	<a href="#">CWE-1164: Irrelevant Code</a>	PASSED
<a href="#">SW C-1 34</a>	Message call with hardcoded gas amount	<a href="#">CWE-655: Improper Initialization</a>	PASSED
<a href="#">SW C-1 33</a>	Hash Collisions With Multiple Variable Length Arguments	<a href="#">CWE-294: Authentication Bypass by Capture-replay</a>	PASSED
<a href="#">SW C-1 32</a>	Unexpected Ether balance	<a href="#">CWE-667: Improper Locking</a>	PASSED
<a href="#">SW C-1 31</a>	Presence of unused variables	<a href="#">CWE-1164: Irrelevant Code</a>	NOT PASSED
<a href="#">SW C-1 30</a>	Right-To-Left-Override control character (U+202E)	<a href="#">CWE-451: User Interface (UI) Misrepresentation of Critical Information</a>	PASSED
<a href="#">SW C-1 29</a>	Typographical Error	<a href="#">CWE-480: Use of Incorrect Operator</a>	PASSED
<a href="#">SW C-1 28</a>	DoS With Block Gas Limit	<a href="#">CWE-400: Uncontrolled Resource Consumption</a>	PASSED

<a href="#">SW C-1 27</a>	Arbitrary Jump with Function Type Variable	<a href="#">CWE-695: Use of Low-Level Functionality</a>	<b>PASSED</b>
<a href="#">SW C-1 25</a>	Incorrect Inheritance Order	<a href="#">CWE-696: Incorrect Behavior Order</a>	<b>PASSED</b>
<a href="#">SW C-1 24</a>	Write to Arbitrary Storage Location	<a href="#">CWE-123: Write-what-where Condition</a>	<b>PASSED</b>
<a href="#">SW C-1 23</a>	Requirement Violation	<a href="#">CWE-573: Improper Following of Specification by Caller</a>	<b>PASSED</b>
<a href="#">SW C-1 22</a>	Lack of Proper Signature Verification	<a href="#">CWE-345: Insufficient Verification of Data Authenticity</a>	<b>PASSED</b>
<a href="#">SW C-1 21</a>	Missing Protection against Signature Replay Attacks	<a href="#">CWE-347: Improper Verification of Cryptographic Signature</a>	<b>PASSED</b>
<a href="#">SW C-1 20</a>	Weak Sources of Randomness from Chain Attributes	<a href="#">CWE-330: Use of Insufficiently Random Values</a>	<b>PASSED</b>
<a href="#">SW C-11 9</a>	Shadowing State Variables	<a href="#">CWE-710: Improper Adherence to Coding Standards</a>	<b>PASSED</b>
<a href="#">SW C-11 8</a>	Incorrect Constructor Name	<a href="#">CWE-665: Improper Initialization</a>	<b>PASSED</b>
<a href="#">SW C-11 7</a>	Signature Malleability	<a href="#">CWE-347: Improper Verification of Cryptographic Signature</a>	<b>PASSED</b>

<a href="#">SW C-11 6</a>	Timestamp Dependence	<a href="#">CWE-829: Inclusion of Functionality from Untrusted Control Sphere</a>	PASSED
<a href="#">SW C-11 5</a>	Authorization through tx.origin	<a href="#">CWE-477: Use of Obsolete Function</a>	PASSED
<a href="#">SW C-11 4</a>	Transaction Order Dependence	<a href="#">CWE-362: Concurrent Execution using Shared Resource with Improper Synchronization ('Race Condition')</a>	PASSED
<a href="#">SW C-11 3</a>	DoS with Failed Call	<a href="#">CWE-703: Improper Check or Handling of Exceptional Conditions</a>	PASSED
<a href="#">SW C-11 2</a>	Delegatecall to Untrusted Callee	<a href="#">CWE-829: Inclusion of Functionality from Untrusted Control Sphere</a>	PASSED
<a href="#">SW C-11 1</a>	Use of Deprecated Solidity Functions	<a href="#">CWE-477: Use of Obsolete Function</a>	PASSED
<a href="#">SW C-11 0</a>	Assert Violation	<a href="#">CWE-670: Always-Incorrect Control Flow Implementation</a>	PASSED
<a href="#">SW C-1 09</a>	Uninitialized Storage Pointer	<a href="#">CWE-824: Access of Uninitialized Pointer</a>	PASSED
<a href="#">SW C-1 08</a>	State Variable Default Visibility	<a href="#">CWE-710: Improper Adherence to Coding Standards</a>	NOT PASSED
<a href="#">SW C-1 07</a>	Reentrancy	<a href="#">CWE-841: Improper Enforcement of Behavioral Workflow</a>	PASSED
<a href="#">SW C-1 06</a>	Unprotected SELFDESTRUCT Instruction	<a href="#">CWE-284: Improper Access Control</a>	PASSED

<a href="#">SW</a> <a href="#">C-1</a> <a href="#">05</a>	Unprotected Ether Withdrawal	<a href="#">CWE-284: Improper Access Control</a>	<b>PASSED</b>
<a href="#">SW</a> <a href="#">C-1</a> <a href="#">04</a>	Unchecked Call Return Value	<a href="#">CWE-252: Unchecked Return Value</a>	<b>PASSED</b>
<a href="#">SW</a> <a href="#">C-1</a> <a href="#">03</a>	Floating Pragma	<a href="#">CWE-664: Improper Control of a Resource Through its Lifetime</a>	<b>NOT PASSED</b>
<a href="#">SW</a> <a href="#">C-1</a> <a href="#">02</a>	Outdated Compiler Version	<a href="#">CWE-937: Using Components with Known Vulnerabilities</a>	<b>PASSED</b>
<a href="#">SW</a> <a href="#">C-1</a> <a href="#">01</a>	Integer Overflow and Underflow	<a href="#">CWE-682: Incorrect Calculation</a>	<b>PASSED</b>
<a href="#">SW</a> <a href="#">C-1</a> <a href="#">00</a>	Function Default Visibility	<a href="#">CWE-710: Improper Adherence to Coding Standards</a>	<b>PASSED</b>

The logo features the words "SolidProof" in a white, elegant script font. The "P" is particularly large and stylized, with a long horizontal stroke that extends to the left. The background is a solid blue color with a faint, large shield emblem. The shield has a grid-like pattern on its right side and a solid blue area on its left side.

SolidProof

**Blockchain Security | Smart Contract Audits | KYC**

A small horizontal bar representing the German flag, with black, red, and gold stripes.

MADE IN GERMANY