

# Primex Finance

## Primex Protocol Ethereum Deployment Audit Report



# Document Control

**PUBLIC**

**FINAL**<sub>(v2.0)</sub>

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# Executive Summary

**Primex Finance** contracted the services of Resonance to conduct a comprehensive security audit of the deployment of all contracts on Ethereum between December 18, 2023 and December 22, 2023. The audit of Primex's protocol smart contracts deployment on the Ethereum network was conducted to ensure the security, reliability, and integrity of the platform's operations.

During the engagement, Resonance allocated 3 engineers to perform the review. The engineers, including an accomplished professional with extensive proficiency in blockchain and smart contract security, encompassing specialized skills in advanced penetration testing, and in-depth knowledge of multiple blockchain protocols, devoted 6 days to the project. The project's test targets, overview, and coverage details are available throughout the next sections of the report.

The ultimate goal of the audit was to provide Primex Finance with a detailed summary of the findings, including any identified vulnerabilities, and recommendations to mitigate any discovered risks. The results of the audit are presented in the subsequent sections of this report.



## System Overview

Primex Finance is a decentralized exchange platform powered by smart contract where users can lend and swap tokens, perform trading operations, and earn rewards by utilizing the protocol.

The system is composed of several components: the bucket infrastructure where all the lending and borrowing happens; the trading managers that implement logic to swap, open and close positions, with or without conditions; and the protocol management where Primex admin control emergency pauses, propositions and executions.

As a general workflow, a lender is able to stake collateral on a bucket and receive yield-bearing tokens. The collateral can be used by traders to borrow and open margin positions. The keepers handle the conditions that occur over time, such as, opening limit orders when price as reached the limit price, liquidating users with underwater positions, closing trades with set stop-losses, etc.

By using the different components of the protocol, all actors receive rewards that incentivise further usage. One of such rewards is the PMX token that offers utility and governance capabilities on the protocol.

# Target

The objective of this project is to conduct a comprehensive review and security analysis of the smart contracts that are contained within the specified repository.

The following items are included as targets of the security assessment:

- Repository (main + source of artifacts): [primex-finance/primex-protocol/src](#)
- Hash: fd76917d8516d124b7a9e5365c3e75269d0863e0
- Repository (support): [primex-finance/primex\\_contracts/src](#)
- Hash: 3c6a66ff39b630e8182fe5114495a055b01e287f
- Repository (support): [primex-finance/primex\\_artifacts](#)
- Hash: d35c2f97099828971eba51a49f578f7cf9a4657d

The following items are excluded:

- External and standard libraries
- Financial-related attack vectors



# Methodology

In the context of security audits, Resonance's primary objective is to portray the workflow of a real-world cyber attack against an entity or organization, and document in a report the findings, vulnerabilities, and techniques used by malicious actors. While several approaches can be taken into consideration during the assessment, Resonance's core value comes from the ability to correlate automated and manual analysis of system components and reach a comprehensive understanding and awareness with the customer on security-related issues.

Resonance implements several and extensive verifications based off industry's standards, such as, identification and exploitation of security vulnerabilities both public and proprietary, static and dynamic testing of relevant workflows, adherence and knowledge of security best practices, assurance of system specifications and requirements, and more. Resonance's approach is therefore consistent, credible and essential, for customers to maintain a low degree of risk exposure.

Ultimately, product owners are able to analyze the audit from the perspective of a malicious actor and distinguish where, how, and why security gaps exist in their assets, and mitigate them in a timely fashion.

## Code Deployment Review - Web3

During code deployment reviews for Web3 assets, Resonance includes a specific methodology that better attempts to effectively test the system in check:

### 1. Contract Deployment And Verification:

- Verify the deployment of all contracts on the respective blockchain explorer.
- Check the accuracy and authenticity of contract addresses.
- Identify any contracts that are not part of the intended deployment.
- Ascertain the upgradeable nature of contracts and ensure they possess the appropriate proxies.
- Validate any non-upgradeable contracts.

### 2. Configuration And Permissions:

- Review storage fields to ensure they store relevant contract data accurately.
- Analyze roles within the system, ensuring correct allocation and permissions.
- Ensure all contracts are on the whitelist, mitigating risks of unintended actions.
- Confirm that no addresses are mistakenly blacklisted.

### 3. Parameter Checks:

- Conduct a thorough review of asset parameters to ensure correctness and security.
- Review parameters related to core functionalities, for instance, trading or staking for a DEX protocol.
- Check any transfer restrictions and verify whitelisted addresses.
- confirm that administrative privileges are set up securely, ensuring the decentralisation and robustness of the system.





# Severity Rating

Security findings identified by Resonance are rated based on a Severity Rating which is, in turn, calculated off the **impact** and **likelihood** of a related security incident taking place. This rating provides a way to capture the principal characteristics of a finding in these two categories and produce a score reflecting its severity. The score can then be translated into a qualitative representation to help customers properly assess and prioritize their vulnerability management processes.

The **impact** of a finding can be categorized in the following levels:

- 1. Weak - Inconsequential or minimal damage or loss
- 2. Medium - Temporary or partial damage or loss
- 3. Strong - Significant or unrecoverable damage or loss

The **likelihood** of a finding can be categorized in the following levels:

- 1. Unlikely - Requires substantial knowledge or effort or uncontrollable conditions
- 2. Likely - Requires technical knowledge or no special conditions
- 3. Very Likely - Requires trivial knowledge or effort or no conditions

		Likelihood		
		Very Likely	Likely	Unlikely
Impact	Strong	Critical	High	Medium
	Medium	High	Medium	Low
	Weak	Medium	Low	Info

# Findings

During the security audit, several findings were identified to possess a certain degree of security-related weaknesses. These findings, represented by unique IDs, are detailed in this section with relevant information including Severity, Category, Status, Code Section, Description, and Recommendation. Further extensive information may be included in corresponding appendices should it be required.

An overview of all the identified findings is outlined in the table below, where they are sorted by Severity and include a **Remediation Priority** metric asserted by Resonance's Testing Team. This metric characterizes findings as follows:

- ||||| **"Quick Win"** Requires little work for a high impact on risk reduction.
- |||| **"Standard Fix"** Requires an average amount of work to fully reduce the risk.
- ||| **"Heavy Project"** Requires extensive work for a low impact on risk reduction.

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RES-01	ActivityRewardDistributor Contract	Acknowledged
RES-02	ActivityRewardDistributor Implementation Contract	Acknowledged
RES-03	BatchManager Contract	Acknowledged
RES-04	BestDexLens Contract	Acknowledged
RES-05	BigTimelockAdmin Contract	Acknowledged
RES-06	Bucket Contract	Acknowledged
RES-07	BucketsFactory Contract	Acknowledged
RES-08	Bucket-DAI Contract	Acknowledged
RES-09	Bucket-MATIC Contract	Acknowledged
RES-10	Bucket-USDC Contract	Acknowledged
RES-11	Bucket-USDT Contract	Acknowledged
RES-12	Bucket-WBTC Contract	Acknowledged
RES-13	Bucket-WETH Contract	Acknowledged
RES-14	DebtToken Contract	Acknowledged
RES-15	DebtTokensFactory Contract	Acknowledged
RES-16	debt-DAI Contract	Acknowledged
RES-17	debt-MATIC Contract	Acknowledged

<b>RES-18</b>	debt-USDC Contract		Acknowledged
<b>RES-19</b>	debt-USDT Contract		Acknowledged
<b>RES-20</b>	debt-WBTC Contract		Acknowledged
<b>RES-21</b>	debt-WETH Contract		Acknowledged
<b>RES-22</b>	DexAdapter Contract		Acknowledged
<b>RES-23</b>	EPMXPriceFeed Contract		Acknowledged
<b>RES-24</b>	EPMXToken Contract		Acknowledged
<b>RES-25</b>	Errors Contract		Acknowledged
<b>RES-26</b>	InterestRateStrategy Contract		Acknowledged
<b>RES-27</b>	KeeperRewardDistributor Contract		Acknowledged
<b>RES-28</b>	KeeperRewardDistributor Implementation Contract		Acknowledged
<b>RES-29</b>	LimitOrderLibrary Contract		Acknowledged
<b>RES-30</b>	LimitOrderManager Contract		Acknowledged
<b>RES-31</b>	LimitOrderManager Implementation Contract		Acknowledged
<b>RES-32</b>	LimitPriceCOM Contract		Acknowledged
<b>RES-33</b>	LiquidityMiningRewardDistributor Contract		Acknowledged
<b>RES-34</b>	LiquidityMiningRewardDistributor Implementation Contract		Acknowledged
<b>RES-35</b>	MediumTimelockAdmin Contract		Acknowledged
<b>RES-36</b>	PositionLibrary Contract		Acknowledged
<b>RES-37</b>	PositionManager Contract		Acknowledged
<b>RES-38</b>	PositionManager Implementation Contract		Acknowledged
<b>RES-39</b>	PriceOracle Contract		Acknowledged
<b>RES-40</b>	PriceOracle Implementation Contract		Acknowledged
<b>RES-41</b>	PrimexDNS Contract		Acknowledged
<b>RES-42</b>	PrimexDNS Implementation Contract		Acknowledged
<b>RES-43</b>	PrimexLens Contract		Acknowledged
<b>RES-44</b>	PrimexPricingLibrary Contract		Acknowledged
<b>RES-45</b>	PrimexProxyAdmin Contract		Acknowledged
<b>RES-46</b>	PrimexUpkeep Contract		Acknowledged
<b>RES-47</b>	PToken Contract		Acknowledged
<b>RES-48</b>	PTokensFactory Contract		Acknowledged

<b>RES-49</b>	P-DAI Contract		<a href="#">Acknowledged</a>
<b>RES-50</b>	P-MATIC Contract		<a href="#">Acknowledged</a>
<b>RES-51</b>	P-USDC Contract		<a href="#">Acknowledged</a>
<b>RES-52</b>	P-USDT Contract		<a href="#">Acknowledged</a>
<b>RES-53</b>	P-WBTC Contract		<a href="#">Acknowledged</a>
<b>RES-54</b>	P-WETH Contract		<a href="#">Acknowledged</a>
<b>RES-55</b>	ReferralProgram Contract		<a href="#">Acknowledged</a>
<b>RES-56</b>	ReferralProgram Implementation Contract		<a href="#">Acknowledged</a>
<b>RES-57</b>	PrimexRegistry Contract		<a href="#">Acknowledged</a>
<b>RES-58</b>	Reserve Contract		<a href="#">Acknowledged</a>
<b>RES-59</b>	Reserve Implementation Contract		<a href="#">Acknowledged</a>
<b>RES-60</b>	SmallTimelockAdmin Contract		<a href="#">Acknowledged</a>
<b>RES-61</b>	SpotTradingRewardDistributor Contract		<a href="#">Acknowledged</a>
<b>RES-62</b>	SpotTradingRewardDistributor Implementation Contract		<a href="#">Acknowledged</a>
<b>RES-63</b>	SwapManager Contract		<a href="#">Acknowledged</a>
<b>RES-64</b>	TakeProfitStopLossCCM Contract		<a href="#">Acknowledged</a>
<b>RES-65</b>	TokenTransfersLibrary Contract		<a href="#">Acknowledged</a>
<b>RES-66</b>	TraderBalanceVault Contract		<a href="#">Acknowledged</a>
<b>RES-67</b>	TraderBalanceVault Implementation Contract		<a href="#">Acknowledged</a>
<b>RES-68</b>	Treasury Contract		<a href="#">Acknowledged</a>
<b>RES-69</b>	Treasury Implementation Contract		<a href="#">Acknowledged</a>
<b>RES-70</b>	WhiteBlackList Contract		<a href="#">Acknowledged</a>
<b>RES-71</b>	WhiteBlackList Implementation Contract		<a href="#">Acknowledged</a>



# ActivityRewardDistributor Contract

Info

RES-PRMX-EDR01

Data Validation

Acknowledged

	ActivityRewardDistributor Contract Information Summary
Deployed	0xA622b8DfC3B5Ec283CEfd37768F5B3b3E316730
Verified	Yes, by Etherscan ✓
Deployer	0xC110b6e93a51ACF1f3DEd19c754789E7A2304F07 (Deployer) ✓
Proxy	TransparentUpgradeableProxy ✓
Input params (initialize)	<div><div>_pmx: 0xA533f744B179F2431f5395978e391107DC76e103 ✓</div><div>_dns: 0x759ea1497C9Cf8ad9c1cf2a9e8a8D17f1387A9Dc ✓</div><div>_registry: 0x7Efd1965390D1EDb1A6d0d7bdAa5b501d0aEc7bB ✓</div><div>_treasury: 0x893047ea492659418501e3b5868aBe75468e2EB6 ✓</div><div>_traderBalanceVault: 0x156e2fC8e1906507412BEeEB6640Bf999a1Ea76b ✓</div><div>_whiteBlackList: 0x63464916388dAB4f2e80551250335490C4518D37 ✓</div></div>
Storage	<div><div>_initialized: 1 ✓</div><div>_initializing: false ✓</div><div>_status: 1 ✓</div><div>__gap: [] ✓</div><div>__gap: [] ✓</div><div>_paused: false ✓</div><div>__gap: [] ✓</div><div>__gap: [] ✓</div><div>pmx: 0xA533f744B179F2431f5395978e391107DC76e103 ✓</div><div>dns: 0x759ea1497C9Cf8ad9c1cf2a9e8a8D17f1387A9Dc ✓</div><div>registry: 0x7Efd1965390D1EDb1A6d0d7bdAa5b501d0aEc7bB ✓</div><div>treasury: 0x893047ea492659418501e3b5868aBe75468e2EB6 ✓</div><div>traderBalanceVault: 0x156e2fC8e1906507412BEeEB6640Bf999a1Ea76b ✓</div><div>buckets: {...abbreviated...} ✓</div><div>whiteBlackList: 0x63464916388dAB4f2e80551250335490C4518D37 ✓</div></div>
Libraries	None
Deploy Scripts	<div><div>deploy/core/ActivityRewardDistributor.deploy.js</div><div>tasks/core/ActivityRewardDistributor/ActivityRewardDistributor.deploy.js</div></div>
Deploy Configs	None

The proxy contract's owner is the contract PrimexProxyAdmin (0x4FFa6c545a6249baF2D66ce21CeF3D2C2cCa69D0).



# ActivityRewardDistributor Implementation Contract

ActivityRewardDistributor (Implementation) Contract Information Summary	
Deployed	0xc999c4a9a54a45d2f2a3828b202059d13a413168
Verified	Yes, by Etherscan ✓
Deployer	0xC110b6e93a51ACF1f3DEd19c754789E7A2304F07 (Deployer) ✓
Proxy	No ✓
Input params (constructor)	None (Disabled) ✓
Storage	<div><div>_initialized: 255 ✓</div><div>_initializing: false ✓</div><div>_status: 0 ✓</div><div>__gap: [] ✓</div><div>__gap: [] ✓</div><div>_paused: false ✓</div><div>__gap: [] ✓</div><div>__gap: [] ✓</div><div>pmx: 0x00 ✓</div><div>dns: 0x00 ✓</div><div>registry: 0x00 ✓</div><div>treasury: 0x00 ✓</div><div>traderBalanceVault: 0x00 ✓</div><div>buckets: {} ✓</div><div>whiteBlackList: 0x00 ✓</div></div>
Libraries	Errors: 0xB959663e3FAb840C9bfebC6d2d32822D25317292 ✓
Deploy Scripts	<div>deploy/core/ActivityRewardDistributor.deploy.js</div> <div>tasks/core/ActivityRewardDistributor/ActivityRewardDistributor.deploy.js</div>
Deploy Configs	None



# BatchManager Contract

BatchManager Contract Information Summary	
Deployed	0x1da9c104C517C7b4465c8Eef458Da0a6c61835Fe
Verified	No, by Etherscan ❌
Deployer	0xC110b6e93a51ACF1f3DEd19c754789E7A2304F07 (Deployer) ✔️
Proxy	No ✔️
Input params (constructor)	<div><div>_positionManager: 0x99d63fEA4b3Ef6ca77941df3C5740dAd1586f0B8 ✔️</div><div>_priceOracle: 0x5E93BCC3Ce5115ed665676256c1959e8217428E8 ✔️</div><div>_whiteBlacklist: 0x63464916388dAB4f2e80551250335490C4518D37 ✔️</div><div>_registry: 0x7Efd1965390D1EDb1A6d0d7bdAa5b501d0aEc7bB ✔️</div></div>
Storage	<div><div>_status: 1 ✔️</div><div>_paused: false ✔️</div></div>
Libraries	<div><div>PrimexPricingLibrary: 0xab03C0c0Ba39a886eD51757272E91cd739542118 ✔️</div><div>PositionLibrary: 0xE56d397236252188dd45aba573D57c1Fa4a8E75C ✔️</div><div>Errors: 0xB959663e3FAb840C9bfebC6d2d32822D25317292 ✔️</div></div>
Deploy Scripts	<div><div><a href="#">deploy/core/BatchManager.deploy.js</a></div><div><a href="#">tasks/core/BatchManager/batchManager.deploy.js</a></div></div>
Deploy Configs	None

Note: While the contract’s bytecode is not yet verified by Etherscan, it matches the compiled artifacts’ bytecode of the project’s repository.





# BestDexLens Contract

	BestDexLens Contract Information Summary
Deployed	0x6199b77e14e96EB1D438240028E35a0A280109b1
Verified	Yes, by Etherscan ✓
Deployer	0xC110b6e93a51ACF1f3DEd19c754789E7A2304F07 (Deployer) ✓
Proxy	No ✓
Input params (constructor)	None
Storage	None
Libraries	PrimexPricingLibrary: 0xab03C0c0Ba39a886eD51757272E91cd739542118 ✓ Errors: 0xB959663e3FAb840C9bfebC6d2d32822D25317292 ✓
Deploy Scripts	<a href="#">deploy/core/lens/BestDexLens.deploy.js</a> <a href="#">tasks/core/lens/BestDexLens/bestDexLens.deploy.js</a>
Deploy Configs	None



# BigTimelockAdmin Contract

	BigTimelockAdmin Contract Information Summary
Deployed	0xA37a23C5Eb527985caae2a710a0F0De7C49ACb9d
Verified	Yes, by Etherscan ✓
Deployer	0xC110b6e93a51ACF1f3DEd19c754789E7A2304F07 (Deployer) ✓
Proxy	No ✓
Input params (constructor)	<div><div>_minDelay: 864000 ✓</div><div>_proposers: [0xE9243361077F68fa17A613C67119fBCC9805D709] ✓</div><div>_executors: [0xE9243361077F68fa17A613C67119fBCC9805D709] ✓</div><div>_admin: 0xC110b6e93a51ACF1f3DEd19c754789E7A2304F07 ✓</div><div>_registry: 0x7Efd1965390D1EDb1A6d0d7bdAa5b501d0aEc7bB ✓</div></div>
Storage	<div><div>_roles: {...abbreviated...} ✓</div><div>_timestamps: {...abbreviated...} ✓</div><div>_minDelay: 864000 ✓</div><div>_paused: false ✓</div></div>
Libraries	Errors: 0xB959663e3FAb840C9bfebC6d2d32822D25317292 ✓
Deploy Scripts	<div><div>deploy/core/PrimexTimelocks.deploy.js</div><div>tasks/core/PrimexTimelock/PrimexTimelock.deploy.js</div></div>
Deploy Configs	config/ethereum/generalConfig.json



# Bucket Contract

Bucket Contract Information Summary	
<b>Deployed</b>	0x302051a2d8381a66BEcB9bBD94D90E11ad0675c9
<b>Verified</b>	Yes, by Etherscan ✓
<b>Deployer</b>	0xC110b6e93a51ACF1f3DEd19c754789E7A2304F07 (Deployer) ✓
<b>Proxy</b>	No ✓
<b>Input params (constructor)</b>	None
<b>Storage</b>	_initialized: 255 ✓ _initializing: false ✓ _status: 0 ✓ __gap: [] ✓ __gap: [] ✓ name: "" ✓ registry: 0x00 ✓ positionManager: 0x00 ✓ reserve: 0x00 ✓ pToken: 0x00 ✓ debtToken: 0x00 ✓ borrowAsset: 0x00 ✓ feeBuffer: 0 ✓ bar: 0 ✓ lar: 0 ✓ estimatedBar: 0 ✓ estimatedLar: 0 ✓ liquidityIndex: 0 ✓ variableBorrowIndex: 0 ✓ lastUpdatedBlockTimestamp: 0 ✓ permanentLossScaled: 0 ✓ reserveRate: 0 ✓ withdrawalFeeRate: 0 ✓ whiteBlackList: 0x00 ✓ allowedAssets: {} ✓ interestRateStrategy: 0x00 ✓ aaveDeposit: 0 ✓ isReinvestToAaveEnabled: false ✓ maxTotalDeposit: 0 ✓ assets: [] ✓ LMparams: {} ✓ dns: 0x00 ✓ priceOracle: 0x00 ✓
<b>Libraries</b>	Errors: 0xB959663e3FAb840C9bfebC6d2d32822D25317292 ✓ TokenTransfersLibrary: 0xF90aCbeF0eDDdd6854c96137f416a5b7dD67D904 ✓
<b>Deploy Scripts</b>	<a href="#">deploy/core/BucketImplementation.deploy.js</a> <a href="#">tasks/core/factories/BucketsFactory/BucketImplementation.deploy.js</a>
<b>Deploy Configs</b>	None



# BucketsFactory Contract

	BucketsFactory Contract Information Summary
Deployed	0x7dE8607157124c894Ba9F18dd6138B5E8AA5890
Verified	No, by Etherscan ❌
Deployer	0xC110b6e93a51ACF1f3DEd19c754789E7A2304F07 (Deployer) ✔️
Proxy	UpgradeableBeacon ✔️
Input params (constructor)	<div><div>_registry: 0x7Efd1965390D1EDb1A6d0d7bdAa5b501d0aEc7bB ✔️</div><div>_pTokensFactory: 0x68482752889A4fFc1c09A593200087CE63544E44 ✔️</div><div>_debtTokensFactory: 0xF19D775F559AD370B55669A92DA5cCe19203891C ✔️</div><div>_bucketImplementation: 0x1612d6A57109fCE772c12491be408822258bD1bA ✔️</div></div>
Storage	<div><div>_owner: 0x4FFa6c545a6249baF2D66ce21CeF3D2C2cCa69D0 ✔️</div><div>_implementation: 0x1612d6A57109fCE772c12491be408822258bD1bA ✔️</div><div>pTokensFactory: 0x68482752889A4fFc1c09A593200087CE63544E44 ✔️</div><div>debtTokensFactory: 0xF19D775F559AD370B55669A92DA5cCe19203891C ✔️</div><div>buckets: [...abbreviated...] ✔️</div></div>
Libraries	Errors: 0xB959663e3FAb840C9bfebC6d2d32822D25317292 ✔️
Deploy Scripts	<div><a href="#">deploy/core/factories/BucketsFactory.deploy.js</a></div> <div><a href="#">tasks/core/factories/BucketsFactory/BucketsFactory.deploy.js</a></div>
Deploy Configs	None

The proxy contract's owner is the contract PrimexProxyAdmin (0x4FFa6c545a6249baF2D66ce21CeF3D2C2cCa69D0).

Note: While the contract's bytecode is not yet verified by Etherscan, it matches the compiled artifacts' bytecode of the project's repository.



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## Issues:

1. `maxAmountPerUser` value does not comply with the provided documentation.

## Status

*The issue was acknowledged by Primex's team. The development team stated "It was a mistake in the config file, not very critical, everything will work fine with the current value. The documentation will be updated accordingly."*



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# DebtToken Contract

DebtToken Contract Information Summary	
Deployed	0x99b38366db66050004Ad16FE260501E6B0D616b8
Verified	Yes, by Etherscan ✓
Deployer	0xC110b6e93a51ACF1f3DEd19c754789E7A2304F07 (Deployer) ✓
Proxy	No ✓
Input params (constructor)	None (Disabled) ✓
Storage	<div><div>_initialized: 255 ✓</div><div>_initializing: false ✓</div><div>__gap: [] ✓</div><div>_balances: {} ✓</div><div>_allowances: {} ✓</div><div>_totalSupply: 0 ✓</div><div>_name: "" ✓</div><div>_symbol: "" ✓</div><div>__gap: [] ✓</div><div>__gap: [] ✓</div><div>bucket: 0x00 ✓</div><div>feeDecreaser: 0x00 ✓</div><div>traderRewardDistributor: 0x00 ✓</div><div>bucketsFactory: 0x00 ✓</div><div>_tokenDecimals: 0 ✓</div></div>
Libraries	Errors: 0xB959663e3FAb840C9bfebC6d2d32822D25317292 ✓
Deploy Scripts	<div><a href="#">deploy/core/DebtTokenImplementation.deploy.js</a></div> <div><a href="#">tasks/core/factories/DebtTokensFactory/DebtTokenImplementation.deploy.js</a></div>
Deploy Configs	None



# DebtTokensFactory Contract

DebtTokensFactory Contract Information Summary	
Deployed	0xF19D775F559AD370B55669A92DA5cCe19203891C
Verified	Yes, by Etherscan ✓
Deployer	0xC110b6e93a51ACF1f3DEd19c754789E7A2304F07 (Deployer) ✓
Proxy	UpgradeableBeacon ✓
Input params (constructor)	_debtTokenImplementation: 0x99b38366db66050004Ad16FE260501E6B0D616b8 ✓
Storage	_registry: 0x7Efd1965390D1EDb1A6d0d7bdAa5b501d0aEc7bB ✓
	_owner: 0x4FFa6c545a6249baF2D66ce21CeF3D2C2cCa69D0 ✓
	_implementation: 0x99b38366db66050004Ad16FE260501E6B0D616b8 ✓
	bucketsFactory: 0x7dE8607157124c894Ba9F18dd6138B5E8AAAd5890 ✓
	registry: 0x7Efd1965390D1EDb1A6d0d7bdAa5b501d0aEc7bB ✓
Libraries	Errors: 0xB959663e3FAb840C9bfebC6d2d32822D25317292 ✓
Deploy Scripts	<a href="#">deploy/core/factories/DebtTokensFactory.deploy.js</a> <a href="#">tasks/core/factories/DebtTokensFactory/DebtTokensFactory.deploy.js</a>
Deploy Configs	None

The proxy contract's owner is the contract PrimexProxyAdmin (0x4FFa6c545a6249baF2D66ce21CeF3D2C2cCa69D0).





# debt-DAI Contract

debt-DAI Contract Information Summary	
Deployed	0x52ccD0223f861fbeC4Ff490f9275270c905eD99B
Verified	Yes, by Etherscan ✓
Deployer	0xC110b6e93a51ACF1f3DEd19c754789E7A2304F07 (Deployer) ✓
Proxy	BeaconProxy ✓
Input params (initialize)	<div><div>_name: "Primex DebtToken Dai Stablecoin" ✓</div><div>_symbol: "debt-DAI" ✓</div><div>_decimals: 18 ✓</div><div>_bucketsFactory: 0x7dE8607157124c894Ba9F18dd6138B5E8AAAd5890 ✓</div></div>
Storage	<div><div>_initialized: 1 ✓</div><div>_initializing: false ✓</div><div>__gap: [] ✓</div><div>_balances: {...abbreviated...} ✓</div><div>_allowances: {...abbreviated...} ✓</div><div>_totalSupply: 0 ✓</div><div>_name: "Primex DebtToken Dai Stablecoin" ✓</div><div>_symbol: "debt-DAI" ✓</div><div>__gap: [] ✓</div><div>__gap: [] ✓</div><div>bucket: 0x6A1E6996669CFAf41A95D1Ae023123699952D569 ✓</div><div>feeDecreaser: 0x00 ✓</div><div>traderRewardDistributor: 0xA622b8DfC3B5Ec283CEfd37768F5B3b3E316730 ✓</div><div>bucketsFactory: 0x7dE8607157124c894Ba9F18dd6138B5E8AAAd5890 ✓</div><div>_tokenDecimals: 18 ✓</div></div>
Libraries	None
Deploy Scripts	<a href="#">tasks/core/Bucket/bucket.deploy.js</a>
Deploy Configs	None



# debt-MATIC Contract

debt-MATIC Contract Information Summary	
Deployed	0x7b63804865E89755a9bA51776889A2f59Ad068B7
Verified	Yes, by Etherscan ✓
Deployer	0xC110b6e93a51ACF1f3DEd19c754789E7A2304F07 (Deployer) ✓
Proxy	BeaconProxy ✓
Input params (initialize)	<div><div>_name: "Primex DebtToken Matic Token" ✓</div><div>_symbol: "debt-MATIC" ✓</div><div>_decimals: 18 ✓</div><div>_bucketsFactory: 0x7dE8607157124c894Ba9F18dd6138B5E8AAAd5890 ✓</div></div>
Storage	<div><div>_initialized: 1 ✓</div><div>_initializing: false ✓</div><div>__gap: [] ✓</div><div>_balances: {...abbreviated...} ✓</div><div>_allowances: {...abbreviated...} ✓</div><div>_totalSupply: 0 ✓</div><div>_name: "Primex DebtToken Matic Token" ✓</div><div>_symbol: "debt-MATIC" ✓</div><div>__gap: [] ✓</div><div>__gap: [] ✓</div><div>bucket: 0xBB79A93508DE023E9eC9db7252Be3136e789fD68 ✓</div><div>feeDecreaser: 0x00 ✓</div><div>traderRewardDistributor: 0xA622b8DfC3B5Ec283CEfd37768F5B3b3E316730 ✓</div><div>bucketsFactory: 0x7dE8607157124c894Ba9F18dd6138B5E8AAAd5890 ✓</div><div>_tokenDecimals: 18 ✓</div></div>
Libraries	None
Deploy Scripts	<a href="#">tasks/core/Bucket/bucket.deploy.js</a>
Deploy Configs	None



# debt-USDC Contract

debt-USDC Contract Information Summary	
Deployed	0xe2D282d12B2341E4D4b1170EcEf93aee3BcD056e
Verified	Yes, by Etherscan ✓
Deployer	0xC110b6e93a51ACF1f3DEd19c754789E7A2304F07 (Deployer) ✓
Proxy	BeaconProxy ✓
Input params (initialize)	<div><div>_name: "Primex DebtToken USD Coin" ✓</div><div>_symbol: "debt-USDC" ✓</div><div>_decimals: 6 ✓</div><div>_bucketsFactory: 0x7dE8607157124c894Ba9F18dd6138B5E8AAAd5890 ✓</div></div>
Storage	<div><div>_initialized: 1 ✓</div><div>_initializing: false ✓</div><div>__gap: [] ✓</div><div>_balances: {...abbreviated...} ✓</div><div>_allowances: {...abbreviated...} ✓</div><div>_totalSupply: 0 ✓</div><div>_name: "Primex DebtToken USD Coin" ✓</div><div>_symbol: "debt-USDC" ✓</div><div>__gap: [] ✓</div><div>__gap: [] ✓</div><div>bucket: 0x98EA73Aa5cb4EC957A3De403EBC9426c6560c4fc ✓</div><div>feeDecreaser: 0x00 ✓</div><div>traderRewardDistributor: 0xA622b8DfC3B5Ec283CEfd37768F5B3b3E316730 ✓</div><div>bucketsFactory: 0x7dE8607157124c894Ba9F18dd6138B5E8AAAd5890 ✓</div><div>_tokenDecimals: 6 ✓</div></div>
Libraries	None
Deploy Scripts	<a href="#">tasks/core/Bucket/bucket.deploy.js</a>
Deploy Configs	None



# debt-USDT Contract

debt-USDT Contract Information Summary	
Deployed	0x6C82D296CFD85d4e34aa672c21080D9AFcC9D75E
Verified	Yes, by Etherscan ✓
Deployer	0xC110b6e93a51ACF1f3DEd19c754789E7A2304F07 (Deployer) ✓
Proxy	BeaconProxy ✓
Input params (initialize)	<div><div>_name: "Primex DebtToken Tether USD" ✓</div><div>_symbol: "debt-USDT" ✓</div><div>_decimals: 6 ✓</div><div>_bucketsFactory: 0x7dE8607157124c894Ba9F18dd6138B5E8AAAd5890 ✓</div></div>
Storage	<div><div>_initialized: 1 ✓</div><div>_initializing: false ✓</div><div>__gap: [] ✓</div><div>_balances: {...abbreviated...} ✓</div><div>_allowances: {...abbreviated...} ✓</div><div>_totalSupply: 0 ✓</div><div>_name: "Primex DebtToken Tether USD" ✓</div><div>_symbol: "debt-USDT" ✓</div><div>__gap: [] ✓</div><div>__gap: [] ✓</div><div>bucket: 0x7dE8607157124c894Ba9F18dd6138B5E8AAAd5890 ✓</div><div>feeDecreaser: 0x00 ✓</div><div>traderRewardDistributor: 0xA622b8DfC3B5Ec283CEfd37768F5B3b3E316730 ✓</div><div>bucketsFactory: 0x7dE8607157124c894Ba9F18dd6138B5E8AAAd5890 ✓</div><div>_tokenDecimals: 6 ✓</div></div>
Libraries	None
Deploy Scripts	<a href="#">tasks/core/Bucket/bucket.deploy.js</a>
Deploy Configs	None



# debt-WBTC Contract

debt-WBTC Contract Information Summary	
Deployed	0x809D2c1e88e1Fd88aF3a2192F5C69688935e5C73
Verified	Yes, by Etherscan ✓
Deployer	0xC110b6e93a51ACF1f3DEd19c754789E7A2304F07 (Deployer) ✓
Proxy	BeaconProxy ✓
Input params (initialize)	<div><div>_name: "Primex DebtToken Wrapped BTC" ✓</div><div>_symbol: "debt-WBTC" ✓</div><div>_decimals: 8 ✓</div><div>_bucketsFactory: 0x7dE8607157124c894Ba9F18dd6138B5E8AAAd5890 ✓</div></div>
Storage	<div><div>_initialized: 1 ✓</div><div>_initializing: false ✓</div><div>__gap: [] ✓</div><div>_balances: {...abbreviated...} ✓</div><div>_allowances: {...abbreviated...} ✓</div><div>_totalSupply: 0 ✓</div><div>_name: "Primex DebtToken Wrapped BTC" ✓</div><div>_symbol: "debt-WBTC" ✓</div><div>__gap: [] ✓</div><div>__gap: [] ✓</div><div>bucket: 0x6deAFC6f532EFaF72f7D33972A3e7B3864676E92 ✓</div><div>feeDecreaser: 0x00 ✓</div><div>traderRewardDistributor: 0xA622b8DfC3B5Ec283CEfd37768F5B3b3E316730 ✓</div><div>bucketsFactory: 0x7dE8607157124c894Ba9F18dd6138B5E8AAAd5890 ✓</div><div>_tokenDecimals: 8 ✓</div></div>
Libraries	None
Deploy Scripts	<a href="#">tasks/core/Bucket/bucket.deploy.js</a>
Deploy Configs	None



# debt-WETH Contract

debt-WETH Contract Information Summary	
Deployed	0xe4E4e070d3B1370F878d44b2205feA2f00652B1c
Verified	Yes, by Etherscan ✓
Deployer	0xC110b6e93a51ACF1f3DEd19c754789E7A2304F07 (Deployer) ✓
Proxy	BeaconProxy ✓
Input params (initialize)	<div><div>_name: "Primex DebtToken Wrapped Ether" ✓</div><div>_symbol: "debt-WETH" ✓</div><div>_decimals: 18 ✓</div><div>_bucketsFactory: 0x7dE8607157124c894Ba9F18dd6138B5E8AAAd5890 ✓</div></div>
Storage	<div><div>_initialized: 1 ✓</div><div>_initializing: false ✓</div><div>__gap: [] ✓</div><div>_balances: {...abbreviated...} ✓</div><div>_allowances: {...abbreviated...} ✓</div><div>_totalSupply: 0 ✓</div><div>_name: "Primex DebtToken Wrapped Ether" ✓</div><div>_symbol: "debt-WETH" ✓</div><div>__gap: [] ✓</div><div>__gap: [] ✓</div><div>bucket: 0x19204B95477d6A665E35C84Ce77024DBeFb53aB2 ✓</div><div>feeDecreaser: 0x00 ✓</div><div>traderRewardDistributor: 0xA622b8DfC3B5Ec283CEfd37768F5B3b3E316730 ✓</div><div>bucketsFactory: 0x7dE8607157124c894Ba9F18dd6138B5E8AAAd5890 ✓</div><div>_tokenDecimals: 18 ✓</div></div>
Libraries	None
Deploy Scripts	<a href="#">tasks/core/Bucket/bucket.deploy.js</a>
Deploy Configs	None



# DexAdapter Contract

DexAdapter Contract Information Summary	
Deployed	0x86c004c61A89d520A2EC080d1A3801eeC77694c9
Verified	Yes, by Etherscan ✓
Deployer	0xC110b6e93a51ACF1f3DEd19c754789E7A2304F07 (Deployer) ✓
Proxy	No ✓
Input params (constructor)	_registry: 0x7Efd1965390D1EDb1A6d0d7bdAa5b501d0aEc7bB ✓
Storage	dexType: {...abbreviated...} ✓ quoters: {...abbreviated...} ✓
Libraries	Errors: 0xB959663e3FAb840C9bfebC6d2d32822D25317292 ✓
Deploy Scripts	<a href="#">deploy/core/DexAdapter.deploy.js</a> <a href="#">tasks/core/DexAdapter/dexAdapter.deploy.js</a>
Deploy Configs	<a href="#">config/ethereum/addresses.json</a>





# EPMXPriceFeed Contract

EPMXPriceFeed Contract Information Summary	
Deployed	0xF146a76F3Aa82D4cEa3eaB44932b7eE75737E11a
Verified	Yes, by Etherscan ✓
Deployer	0xC110b6e93a51ACF1f3DEd19c754789E7A2304F07 (Deployer) ✓
Proxy	No ✓
Input params (constructor)	_registry: 0x7Efd1965390D1EDb1A6d0d7bdAa5b501d0aEc7bB ✓
Storage	decimals: 8 ✓ _currentRound: 1 ✓ _latestRoundData: {...abbreviated...} ✓ _answers: {...abbreviated...} ✓
Libraries	Errors: 0xB959663e3FAb840C9bfebC6d2d32822D25317292 ✓
Deploy Scripts	<a href="#">deploy/core/EPMXTokenOracle.deploy.js</a> <a href="#">tasks/core/EPMXPriceFeed/EPMXPriceFeed.deploy.js</a>
Deploy Configs	<a href="#">config/ethereum/generalConfig.json</a>



# EPMXToken Contract

EPMXToken Contract Information Summary	
Deployed	0xA533f744B179F2431f5395978e391107DC76e103
Verified	Yes, by Etherscan ✓
Deployer	0x82B7aaab1F90f1658c76ccb79209cCF895acD32a (Primex) ✓
Proxy	No ✓
Input params (constructor)	_recipient: 0xC110b6e93a51ACF1f3DEd19c754789E7A2304F07 ✓
Storage	_registry: 0x7Efd1965390D1EDb1A6d0d7bdAa5b501d0aEc7bB ✓
	_balances: {...abbreviated...} ✓
	_allowances: {...abbreviated...} ✓
	_totalSupply: 33333333333333333333333333333334 ✓
	_name: Early Primex Token ✓
	_symbol: ePMX ✓
	whitelist: {...abbreviated...} ✓
Libraries	Errors: 0xB959663e3FAb840C9bfebC6d2d32822D25317292 ✓
Deploy Scripts	<a href="#">deploy/core/EPMXToken.deploy.js</a> <a href="#">tasks/core/EPMXToken/EPMXToken.deploy.js</a>
Deploy Configs	None

Contract addresses on whitelist:

- 0xC110b6e93a51ACF1f3DEd19c754789E7A2304F07 (Deployer)
- ActivityRewardDistributor
- BigTimelockAdmin
- LiquidityMiningRewardDistributor
- MediumTimelockAdmin
- SmallTimelockAdmin
- SpotTradingRewardDistributor
- TraderBalanceVault
- Treasury



# Errors Contract

Errors Contract Information Summary	
Deployed	0xB959663e3FAB840C9bfebC6d2d32822D25317292 (Library)
Verified	Yes, by Etherscan ✓
Deployer	0xC110b6e93a51ACF1f3DEd19c754789E7A2304F07 (Deployer) ✓
Proxy	No ✓
Input params (constructor)	None
Storage	None
Libraries	None
Deploy Scripts	<a href="#">deploy/core/libraries/Errors.deploy.js</a> <a href="#">tasks/core/libraries/Errors/Errors.deploy.js</a>
Deploy Configs	None



# InterestRateStrategy Contract

InterestRateStrategy Contract Information Summary	
Deployed	0xbB3131AB7F69b6939687991185903616ecbB67ce
Verified	Yes, by Etherscan ✓
Deployer	0xC110b6e93a51ACF1f3DEd19c754789E7A2304F07 (Deployer) ✓
Proxy	No ✓
Input params (constructor)	None
Storage	calculationParams: {...abbreviated...} ✓
Libraries	Errors: 0xB959663e3FAb840C9bfebC6d2d32822D25317292 ✓
Deploy Scripts	<a href="#">deploy/core/InterestRateStrategy.deploy.js</a> <a href="#">tasks/core/InterestRateStrategy/InterestRateStrategy.deploy.js</a>
Deploy Configs	None



# KeeperRewardDistributor Contract

KeeperRewardDistributor Contract Information Summary	
<b>Deployed</b>	0x02bcaA4633E466d151b34112608f60A82a4F6035
<b>Verified</b>	Yes, by Etherscan ✓
<b>Deployer</b>	0xC110b6e93a51ACF1f3DEd19c754789E7A2304F07 (Deployer) ✓
<b>Proxy</b>	TransparentUpgradeableProxy ✓
<b>Input params (initialize)</b>	priceOracle: 0x5E93BCC3Ce5115ed665676256c1959e8217428E8 ✓ registry: 0x7Efd1965390D1EDb1A6d0d7bdAa5b501d0aEc7bB ✓ pmx: 0xA533f744B179F2431f5395978e391107DC76e103 ✓ treasury: 0x893047ea492659418501e3b5868aBe75468e2EB6 ✓ whiteBlackList: 0x63464916388dAB4f2e80551250335490C4518D37 ✓ pmxPartInReward: 50000000000000000 ✓ nativePartInReward: 95000000000000000 ✓ positionSizeCoefficientA: 10000000000000000 ✗ positionSizeCoefficientB: 0 ✗ additionalGas: 150000 ✓ defaultMaxGasPrice: 200000000000 ✓ oracleGasPriceTolerance: 250000000000000000 ✓ paymentModel: 0 ✓ maxGasPerPositionParams: [...abbreviated...] ✓ decreasingGasByReasonParams: [...abbreviated...] ✓
<b>Storage</b>	_initialized: 1 ✓ _initializing: false ✓ _status: 1 ✓ __gap: [] ✓ __gap: [] ✓ _paused: false ✓ __gap: [] ✓ __gap: [] ✓ priceOracle: 0x5E93BCC3Ce5115ed665676256c1959e8217428E8 ✓ registry: 0x7Efd1965390D1EDb1A6d0d7bdAa5b501d0aEc7bB ✓ pmx: 0xA533f744B179F2431f5395978e391107DC76e103 ✓ treasury: 0x893047ea492659418501e3b5868aBe75468e2EB6 ✓ pmxPartInReward: 50000000000000000 ✓ nativePartInReward: 95000000000000000 ✓ positionSizeCoefficientA: 0 ✓ positionSizeCoefficientB: 1 ✓ additionalGas: 150000 ✓ defaultMaxGasPrice: 300000000000 ✓ oracleGasPriceTolerance: 250000000000000000 ✓ paymentModel: 0 ✓ keeperBalance: {...abbreviated...} ✓ totalBalance: {...abbreviated...} ✓ maxGasPerPosition: {...abbreviated...} ✓ dataLengthRestrictions: {...abbreviated...} ✓ decreasingGasByReason: {...abbreviated...} ✓ whiteBlackList: 0x63464916388dAB4f2e80551250335490C4518D37 ✓
<b>Libraries</b>	None
<b>Deploy Scripts</b>	<a href="#">deploy/core/KeeperRewardDistributor.deploy.js</a> <a href="#">tasks/core/KeeperRewardDistributor/KeeperRewardDistributor.deploy.js</a>
<b>Deploy Configs</b>	<a href="#">config/ethereum/generalConfig.json</a>

The proxy contract's owner is the contract `PrimexProxyAdmin` (`0x4FFa6c545a6249baF2D66ce21CeF3D2C2cCa69D0`).

## **Status**

*The issue was acknowledged by Primex's team. The development team stated "Correct values have already been set."*



# KeeperRewardDistributor Implementation Contract

KeeperRewardDistributor (Implementation) Contract Information Summary	
Deployed	0x86890E30cE9E1e13Db5560BbEb435c55567Af1cd
Verified	Yes, by Etherscan ✓
Deployer	0xC110b6e93a51ACF1f3DEd19c754789E7A2304F07 (Deployer) ✓
Proxy	No ✓
Input params (constructor)	None (Disabled) ✓
Storage	<div><div>_initialized: 255 ✓</div><div>_initializing: false ✓</div><div>_status: 0 ✓</div><div>__gap: [] ✓</div><div>__gap: [] ✓</div><div>_paused: false ✓</div><div>__gap: [] ✓</div><div>__gap: [] ✓</div><div>priceOracle: 0x00 ✓</div><div>registry: 0x00 ✓</div><div>pmx: 0x00 ✓</div><div>treasury: 0x00 ✓</div><div>pmxPartInReward: 0 ✓</div><div>nativePartInReward: 0 ✓</div><div>positionSizeCoefficientA: 0 ✓</div><div>positionSizeCoefficientB: 0 ✓</div><div>additionalGas: 0 ✓</div><div>defaultMaxGasPrice: 0 ✓</div><div>oracleGasPriceTolerance: 0 ✓</div><div>paymentModel: 0 ✓</div><div>keeperBalance: {} ✓</div><div>totalBalance: {} ✓</div><div>maxGasPerPosition: {} ✓</div><div>dataLengthRestrictions: {} ✓</div><div>decreasingGasByReason: {} ✓</div><div>whiteBlackList: 0x00 ✓</div></div>
Libraries	<div>PrimexPricingLibrary: 0xab03C0c0Ba39a886eD51757272E91cd739542118 ✓</div> <div>TokenTransfersLibrary: 0xF90aCbeF0eDDdd6854c96137f416a5b7dD67D904 ✓</div> <div>Errors: 0xB959663e3FAb840C9bfebC6d2d32822D25317292 ✓</div>
Deploy Scripts	<div><a href="#">deploy/core/KeeperRewardDistributor.deploy.js</a></div> <div><a href="#">tasks/core/KeeperRewardDistributor/KeeperRewardDistributor.deploy.js</a></div>
Deploy Configs	<div><a href="#">config/ethereum/generalConfig.json</a></div>





# LimitOrderLibrary Contract

LimitOrderLibrary Contract Information Summary	
Deployed	0x85B630547f5F10625B0548Edd35C22312fb623AD (Library)
Verified	Yes, by Etherscan ✓
Deployer	0xC110b6e93a51ACF1f3DEd19c754789E7A2304F07 (Deployer) ✓
Proxy	No ✓
Input params (constructor)	None
Storage	None
Libraries	PrimexPricingLibrary: 0xab03C0c0Ba39a886eD51757272E91cd739542118 ✓ TokenTransfersLibrary: 0xF90aCbeF0eDDdd6854c96137f416a5b7dD67D904 ✓ Errors: 0xB959663e3FAb840C9bfebC6d2d32822D25317292 ✓
Deploy Scripts	<a href="#">deploy/core/libraries/LimitOrderLibrary.deploy.js</a> <a href="#">tasks/core/libraries/LimitOrderLibrary/LimitOrderLibrary.deploy.js</a>
Deploy Configs	None



# LimitOrderManager Contract

	LimitOrderManager Contract Information Summary
Deployed	0xB60Dda2873F789185e33E03f8f75A65a8D2d236d
Verified	Yes, by Etherscan ✓
Deployer	0xC110b6e93a51ACF1f3DEd19c754789E7A2304F07 (Deployer) ✓
Proxy	TransparentUpgradeableProxy ✓
Input params (initialize)	<div><div>_registry: 0x7Efd1965390D1EDb1A6d0d7bdAa5b501d0aEc7bB ✓</div><div>_primexDNS: 0x759ea1497C9Cf8ad9c1cf2a9e8a8D17f1387A9Dc ✓</div><div>_pm: 0x99d63fEA4b3Ef6ca77941df3C5740dAd1586f0B8 ✓</div><div>_traderBalanceVault: 0x156e2fC8e1906507412BEeEB6640Bf999a1Ea76b ✓</div><div>_swapManager: 0xa6d76535e265357187653d4AAAd9b362404D42EA8 ✓</div><div>_whiteBlacklist: 0x63464916388dAB4f2e80551250335490C4518D37 ✓</div></div>
Storage	<div><div>_initialized: 1 ✓</div><div>_initializing: false ✓</div><div>_status: 1 ✓</div><div>__gap: [] ✓</div><div>__gap: [] ✓</div><div>_paused: false ✓</div><div>__gap: [] ✓</div><div>__gap: [] ✓</div><div>orders: [...abbreviated...] ✓</div><div>ordersId: 3 ✓</div><div>orderIndexes: {...abbreviated...} ✓</div><div>traderOrderIndexes: {...abbreviated...} ✓</div><div>traderOrderIds: {...abbreviated...} ✓</div><div>bucketOrderIndexes: {...abbreviated...} ✓</div><div>bucketOrderIds: {...abbreviated...} ✓</div><div>openConditions: {...abbreviated...} ✓</div><div>closeConditions: {...abbreviated...} ✓</div><div>registry: 0x7Efd1965390D1EDb1A6d0d7bdAa5b501d0aEc7bB ✓</div><div>traderBalanceVault: 0x156e2fC8e1906507412BEeEB6640Bf999a1Ea76b ✓</div><div>primexDNS: 0x759ea1497C9Cf8ad9c1cf2a9e8a8D17f1387A9Dc ✓</div><div>pm: 0x99d63fEA4b3Ef6ca77941df3C5740dAd1586f0B8 ✓</div><div>swapManager: 0xa6d76535e265357187653d4AAAd9b362404D42EA8 ✓</div><div>whiteBlackList: 0x63464916388dAB4f2e80551250335490C4518D37 ✓</div></div>
Libraries	None
Deploy Scripts	<div><div><a href="#">deploy/core/LimitOrderManager.deploy.js</a></div><div><a href="#">tasks/core/LimitOrderManager/limitOrderManager.deploy.js</a></div></div>
Deploy Configs	None

The proxy contract's owner is the contract `PrimexProxyAdmin` (0x4FFa6c545a6249baF2D66ce21CeF3D2C2cCa69D0).



# LimitOrderManager Implementation Contract

LimitOrderManager (Implementation) Contract Information Summary	
Deployed	0xf40f76844C2C2a4c5A04313f655eBeE06b712C31
Verified	Yes, by Etherscan ✓
Deployer	0xC110b6e93a51ACF1f3DEd19c754789E7A2304F07 (Deployer) ✓
Proxy	No ✓
Input params (constructor)	None (Disabled) ✓
Storage	<div><div>_initialized: 255 ✓</div><div>_initializing: false ✓</div><div>_status: 0 ✓</div><div>__gap: [] ✓</div><div>__gap: [] ✓</div><div>_paused: false ✓</div><div>__gap: [] ✓</div><div>__gap: [] ✓</div><div>orders: [] ✓</div><div>ordersId: 0 ✓</div><div>orderIndexes: {} ✓</div><div>traderOrderIndexes: {} ✓</div><div>traderOrderIds: {} ✓</div><div>bucketOrderIndexes: {} ✓</div><div>bucketOrderIds: {} ✓</div><div>openConditions: {} ✓</div><div>closeConditions: {} ✓</div><div>registry: 0x00 ✓</div><div>traderBalanceVault: 0x00 ✓</div><div>primexDNS: 0x00 ✓</div><div>pm: 0x00 ✓</div><div>swapManager: 0x00 ✓</div><div>whiteBlackList: 0x00 ✓</div></div>
Libraries	<div>PrimexPricingLibrary: 0xab03C0c0Ba39a886eD51757272E91cd739542118 ✓</div> <div>TokenTransfersLibrary: 0xF90aCbeF0eDDdd6854c96137f416a5b7dD67D904 ✓</div> <div>LimitOrderLibrary: 0x85B630547f5F10625B0548Edd35C22312fb623AD ✓</div> <div>Errors: 0xB959663e3FAb840C9bfebC6d2d32822D25317292 ✓</div>
Deploy Scripts	<div><a href="#">deploy/core/LimitOrderManager.deploy.js</a></div> <div><a href="#">tasks/core/LimitOrderManager/limitOrderManager.deploy.js</a></div>
Deploy Configs	None



# LimitPriceCOM Contract

	LimitPriceCOM Contract Information Summary
Deployed	0x759CDA29fc31A3B26920971f685Dd35cE690f061
Verified	Yes, by Etherscan ✓
Deployer	0xC110b6e93a51ACF1f3DEd19c754789E7A2304F07 (Deployer) ✓
Proxy	No ✓
Input params (constructor)	<div><div>_primexDNS: 0x759ea1497C9Cf8ad9c1cf2a9e8a8D17f1387A9Dc ✓</div><div>_priceOracle: 0x5E93BCC3Ce5115ed665676256c1959e8217428E8 ✓</div><div>_pm: 0x99d63fEA4b3Ef6ca77941df3C5740dAd1586f0B8 ✓</div></div>
Storage	None
Libraries	<div><div>PrimexPricingLibrary: 0xab03C0c0Ba39a886eD51757272E91cd739542118 ✓</div><div>LimitOrderLibrary: 0x85B630547f5F10625B0548Edd35C22312fb623AD ✓</div><div>Errors: 0xB959663e3FAb840C9bfebC6d2d32822D25317292 ✓</div></div>
Deploy Scripts	<div><div><a href="#">deploy/core/ConditionalManagers/LimitPriceCOM.deploy.js</a></div><div><a href="#">tasks/core/conditionalManagers/LimitPriceCOM/LimitPriceCOM.deploy.js</a></div></div>
Deploy Configs	None



# LiquidityMiningRewardDistributor Contract

Info

RES-PRMX-EDR33

Data Validation

Acknowledged

	LiquidityMiningRewardDistributor Contract Information Summary
Deployed	0xe25e47D757846b3b6883C361096a2f9bA4140121
Verified	Yes, by Etherscan ✓
Deployer	0xC110b6e93a51ACF1f3DEd19c754789E7A2304F07 (Deployer) ✓
Proxy	TransparentUpgradeableProxy ✓
Input params (initialize)	<div><div>_primexDNS: 0x759ea1497C9Cf8ad9c1cf2a9e8a8D17f1387A9Dc ✓</div><div>_pmx: 0xA533f744B179F2431f5395978e391107DC76e103 ✓</div><div>_traderBalanceVault: 0x156e2fC8e1906507412BEeEB6640Bf999a1Ea76b ✓</div><div>_registry: 0x7Efd1965390D1EDb1A6d0d7bdAa5b501d0aEc7bB ✓</div><div>_treasury: 0x893047ea492659418501e3b5868aBe75468e2EB6 ✓</div><div>_reinvestmentRate: 333300000000000000 ✓</div><div>_reinvestmentDuration: 2592000 ✓</div><div>_whiteBlackList: 0x63464916388dAB4f2e80551250335490C4518D37 ✓</div></div>
Storage	<div><div>_initialized: 1 ✓</div><div>_initializing: false ✓</div><div>__gap: [] ✓</div><div>_paused: false ✓</div><div>__gap: [] ✓</div><div>__gap: [] ✓</div><div>__gap: [] ✓</div><div>_status: 1 ✓</div><div>__gap: [] ✓</div><div>primexDNS: 0x759ea1497C9Cf8ad9c1cf2a9e8a8D17f1387A9Dc ✓</div><div>pmx: 0xA533f744B179F2431f5395978e391107DC76e103 ✓</div><div>traderBalanceVault: 0x156e2fC8e1906507412BEeEB6640Bf999a1Ea76b ✓</div><div>registry: 0x7Efd1965390D1EDb1A6d0d7bdAa5b501d0aEc7bB ✓</div><div>treasury: 0x893047ea492659418501e3b5868aBe75468e2EB6 ✓</div><div>reinvestmentRate: 333300000000000000 ✓</div><div>reinvestmentDuration: 2592000 ✓</div><div>extraRewards: {...abbreviated...} ✓</div><div>whiteBlackList: 0x63464916388dAB4f2e80551250335490C4518D37 ✓</div><div>buckets: {...abbreviated...} ✓</div></div>
Libraries	None
Deploy Scripts	<a href="#">deploy/core/LiquidityMiningRewardDistributor.deploy.js</a> <a href="#">tasks/core/LiquidityMiningRewardDistributor/LiquidityMiningRewardDistributor.js</a>
Deploy Configs	<a href="#">config/ethereum/generalConfig.json</a>

The proxy contract's owner is the contract `PrimexProxyAdmin` (`0x4FFa6c545a6249baF2D66ce21CeF3D2C2cCa69D0`).



# LiquidityMiningRewardDistributor Implementation Contract

LiquidityMiningRewardDistributor (Implementation) Contract Information Summary	
Deployed	0x3DF8d45F7B62E380f1396Ba23E37545b30cf6c2d
Verified	Yes, by Etherscan ✓
Deployer	0xC110b6e93a51ACF1f3DEd19c754789E7A2304F07 (Deployer) ✓
Proxy	No ✓
Input params (constructor)	None (Disabled) ✓
Storage	<div><div>_initialized: 255 ✓</div><div>_initializing: false ✓</div><div>__gap: [] ✓</div><div>_paused: false ✓</div><div>__gap: [] ✓</div><div>__gap: [] ✓</div><div>_status: 0 ✓</div><div>__gap: [] ✓</div><div>primexDNS: 0x00 ✓</div><div>pmx: 0x00 ✓</div><div>traderBalanceVault: 0x00 ✓</div><div>registry: 0x00 ✓</div><div>treasury: 0x00 ✓</div><div>reinvestmentRate: 0 ✓</div><div>reinvestmentDuration: 0 ✓</div><div>extraRewards: {} ✓</div><div>whiteBlackList: 0x00 ✓</div><div>buckets: {} ✓</div></div>
Libraries	Errors: 0xB959663e3FAb840C9bfebC6d2d32822D25317292 ✓
Deploy Scripts	<div><a href="#">deploy/core/LiquidityMiningRewardDistributor.deploy.js</a></div> <div><a href="#">tasks/core/LiquidityMiningRewardDistributor/LiquidityMiningRewardDistributor.js</a></div>
Deploy Configs	<div><a href="#">config/ethereum/generalConfig.json</a></div>



# MediumTimelockAdmin Contract

	MediumTimelockAdmin Contract Information Summary
Deployed	0x29DD1E7b2df51F26f39C70cB4c1d8f7c5922E93f
Verified	Yes, by Etherscan ✓
Deployer	0xC110b6e93a51ACF1f3DEd19c754789E7A2304F07 (Deployer) ✓
Proxy	No ✓
Input params (constructor)	<div><div>_minDelay: 172800 ✓</div><div>_proposers: [0xE9243361077F68fa17A613C67119fBCC9805D709] ✓</div><div>_executors: [0xE9243361077F68fa17A613C67119fBCC9805D709] ✓</div><div>_admin: 0xC110b6e93a51ACF1f3DEd19c754789E7A2304F07 ✓</div><div>_registry: 0x7Efd1965390D1EDb1A6d0d7bdAa5b501d0aEc7bB ✓</div></div>
Storage	<div><div>_roles: {...abbreviated...} ✓</div><div>_timestamps: {...abbreviated...} ✓</div><div>_minDelay: 172800 ✓</div><div>_paused: false ✓</div></div>
Libraries	Errors: 0xB959663e3FAb840C9bfebC6d2d32822D25317292 ✓
Deploy Scripts	<div><div>deploy/core/PrimexTimelocks.deploy.js</div><div>tasks/core/PrimexTimelock/PrimexTimelock.deploy.js</div></div>
Deploy Configs	config/ethereum/generalConfig.json



# PositionLibrary Contract

PositionLibrary Contract Information Summary	
Deployed	0xE56d397236252188dd45aba573D57c1Fa4a8E75C (Library)
Verified	Yes, by Etherscan ✓
Deployer	0xC110b6e93a51ACF1f3DEd19c754789E7A2304F07 (Deployer) ✓
Proxy	No ✓
Input params (constructor)	None
Storage	None
Libraries	PrimexPricingLibrary: 0xab03C0c0Ba39a886eD51757272E91cd739542118 ✓ TokenTransfersLibrary: 0xF90aCbeF0eDDdd6854c96137f416a5b7dD67D904 ✓ LimitOrderLibrary: 0x85B630547f5F10625B0548Edd35C22312fb623AD ✓ Errors: 0xB959663e3FAB840C9bfebC6d2d32822D25317292 ✓
Deploy Scripts	<a href="#">deploy/core/libraries/PositionLibrary.deploy.js</a> <a href="#">tasks/core/libraries/PositionLibrary/PositionLibrary.deploy.js</a>
Deploy Configs	None





# PositionManager Contract



Issues:

1. `maintenanceBuffer` value does not comply with the provided documentation.

## **Status**

*The issue was acknowledged by Primex's team. The development team stated "The correct value has been set, now `maintenanceBuffer`: 300000000000000000".*



# PositionManager Implementation Contract

PositionManager (Implementation) Contract Information Summary	
<b>Deployed</b>	0xDf7B923a7bF62331092B49fd36EE26A21755DFa1
<b>Verified</b>	No, by Etherscan ❌
<b>Deployer</b>	0xC110b6e93a51ACF1f3DEd19c754789E7A2304F07 (Deployer) ✔️
<b>Proxy</b>	No ✔️
<b>Input params (constructor)</b>	None (Disabled) ✔️
<b>Storage</b>	_initialized: 255 ✔️ _initializing: false ✔️ _status: 0 ✔️ __gap: [] ✔️ __gap: [] ✔️ _paused: false ✔️ __gap: [] ✔️ __gap: [] ✔️ maxPositionSize: {} ✔️ defaultOracleTolerableLimit: 0 ✔️ securityBuffer: 0 ✔️ maintenanceBuffer: 0 ✔️ oracleTolerableLimits: {} ✔️ oracleTolerableLimitsMultiplier: 0 ✔️ positions: [] ✔️ positionsId: 0 ✔️ traderPositionIds: {} ✔️ bucketPositionIds: {} ✔️ closeConditions: {} ✔️ registry: 0x00 ✔️ traderBalanceVault: 0x00 ✔️ primexDNS: 0x00 ✔️ priceOracle: 0x00 ✔️ keeperRewardDistributor: 0x00 ✔️ spotTradingRewardDistributor: 0x00 ✔️ minPositionSize: 0 ✔️ minPositionAsset: 0x00 ✔️ positionIndexes: {} ✔️ traderPositionIndexes: {} ✔️ bucketPositionIndexes: {} ✔️ whiteBlacklist: 0x00 ✔️
<b>Libraries</b>	PrimexPricingLibrary: 0xab03C0c0Ba39a886eD51757272E91cd739542118 ✔️ PositionLibrary: 0xE56d397236252188dd45aba573D57c1Fa4a8E75C ✔️ TokenTransferLibrary: 0xF90aCbeF0eDDdd6854c96137f416a5b7dD67D904 ✔️ Errors: 0xB959663e3FAB840C9bfebC6d2d32822D25317292 ✔️
<b>Deploy Scripts</b>	<a href="#">deploy/core/PositionManager.deploy.js</a> <a href="#">tasks/core/PositionManager/positionManager.deploy.js</a>
<b>Deploy Configs</b>	<a href="#">config/ethereum/generalConfig.json</a>

Note: While the contract’s bytecode is not yet verified by Etherscan, it matches the compiled artifacts’ bytecode of the project’s repository.



# PriceOracle Contract

PriceOracle Contract Information Summary	
Deployed	0x5E93BCC3Ce5115ed665676256c1959e8217428E8
Verified	Yes, by Etherscan ✓
Deployer	0xC110b6e93a51ACF1f3DEd19c754789E7A2304F07 (Deployer) ✓
Proxy	TransparentUpgradeableProxy ✓
Input params (initialize)	<div><div>_registry: 0x7Efd1965390D1EDb1A6d0d7bdAa5b501d0aEc7bB ✓</div><div>_eth: 0x99ec76235f8a5A52611b0DA5F0C6B09e1dCD2C9e ✓</div></div>
Storage	<div><div>_initialized: 1 ✓</div><div>_initializing: false ✓</div><div>__gap: [] ✓</div><div>registry: 0x7Efd1965390D1EDb1A6d0d7bdAa5b501d0aEc7bB ✓</div><div>eth: 0x99ec76235f8a5A52611b0DA5F0C6B09e1dCD2C9e ✓</div><div>gasPriceFeed: 0x169E633A2D1E6c10dD91238Ba11c4A708dfEF37C ✓</div><div>pairPriceDrops: {...abbreviated...} ✓</div><div>oraclePriceDropFeeds: {...abbreviated...} ✓</div><div>chainLinkPriceFeeds: {...abbreviated...} ✓</div></div>
Libraries	None
Deploy Scripts	<div><div>deploy/core/PriceOracle.deploy.js</div><div>tasks/core/PriceOracle/priceOracle.deploy.js</div></div>
Deploy Configs	<div><div>config/ethereum/addresses.json</div></div>

The proxy contract's owner is the contract PrimexProxyAdmin (0x4FFa6c545a6249baF2D66ce21CeF3D2C2cCa69D0).



# PriceOracle Implementation Contract

PriceOracle (Implementation) Contract Information Summary	
Deployed	0xC015F00Cd03302A8Cc964BFCCF5F5663DCdD3Ea9
Verified	Yes, by Etherscan ✓
Deployer	0xC110b6e93a51ACF1f3DEd19c754789E7A2304F07 (Deployer) ✓
Proxy	No ✓
Input params (constructor)	None (Disabled) ✓
Storage	<div><div>_initialized: 255 ✓</div><div>_initializing: false ✓</div><div>__gap: [] ✓</div><div>registry: 0x00 ✓</div><div>eth: 0x00 ✓</div><div>gasPriceFeed: 0x00 ✓</div><div>pairPriceDrops: {} ✓</div><div>oraclePriceDropFeeds: {} ✓</div><div>chainLinkPriceFeeds: {} ✓</div></div>
Libraries	Errors: 0xB959663e3FAb840C9bfebC6d2d32822D25317292 ✓
Deploy Scripts	<div>deploy/core/PriceOracle.deploy.js</div> <div>tasks/core/PriceOracle/priceOracle.deploy.js</div>
Deploy Configs	<div>config/ethereum/addresses.json</div>



# PrimexDNS Contract

	PrimexDNS Contract Information Summary
Deployed	0x759ea1497C9Cf8ad9c1cf2a9e8a8D17f1387A9Dc
Verified	Yes, by Etherscan ✓
Deployer	0xC110b6e93a51ACF1f3DEd19c754789E7A2304F07 (Deployer) ✓
Proxy	TransparentUpgradeableProxy ✓
Input params (initialize)	<div><div>_registry: 0x7Efd1965390D1EDb1A6d0d7bdAa5b501d0aEc7bB ✓</div><div>_pmx: 0xA533f744B179F2431f5395978e391107DC76e103 ✓</div><div>_treasury: 0x893047ea492659418501e3b5868aBe75468e2EB6 ✓</div><div>_delistingDelay: 15552000 ✓</div><div>_adminWithdrawalDelay: 15552000 ✓</div><div>_feeRateParams: [...abbreviated...] ✓</div></div>
Storage	<div><div>_initialized: 1 ✓</div><div>_initializing: false ✓</div><div>__gap: [] ✓</div><div>registry: 0x7Efd1965390D1EDb1A6d0d7bdAa5b501d0aEc7bB ✓</div><div>delistingDelay: 15552000 ✓</div><div>adminWithdrawalDelay: 15552000 ✓</div><div>pmx: 0xA533f744B179F2431f5395978e391107DC76e103 ✓</div><div>treasury: 0x893047ea492659418501e3b5868aBe75468e2EB6 ✓</div><div>buckets: {...abbreviated...} ✓</div><div>dexes: {...abbreviated...} ✓</div><div>cmTypeToAddress: {...abbreviated...} ✓</div><div>dexAdapter: 0xa499063Ab48EbA422d9bb65B6315Ac1a65148cD0 ✓</div><div>aavePool: 0x87870Bca3F3fD6335C3F4ce8392D69350B4fA4E2 ✓</div><div>feeRates: {...abbreviated...} ✓</div><div>dexesNames: [...abbreviated...] ✓</div><div>feeRestrictions: {...abbreviated...} ✓</div></div>
Libraries	None
Deploy Scripts	<div><a href="#">deploy/core/PrimexDNS.deploy.js</a></div> <div><a href="#">tasks/core/PrimexDNS/PrimexDNS.deploy.js</a></div>
Deploy Configs	<div><a href="#">config/ethereum/generalConfig.json</a></div>

The proxy contract's owner is the contract PrimexProxyAdmin (0x4FFa6c545a6249baF2D66ce21CeF3D2C2cCa69D0).





# PrimexDNS Implementation Contract

	PrimexDNS (Implementation) Contract Information Summary
Deployed	0xc08FFBBA8c5f42beb7e6dd29142cC61855a3076B
Verified	Yes, by Etherscan ✓
Deployer	0xC110b6e93a51ACF1f3DEd19c754789E7A2304F07 (Deployer) ✓
Proxy	No ✓
Input params (constructor)	None (Disabled) ✓
Storage	<div><div>_initialized: 255 ✓</div><div>_initializing: false ✓</div><div>__gap: [] ✓</div><div>registry: 0x00 ✓</div><div>delistingDelay: 0 ✓</div><div>adminWithdrawalDelay: 0 ✓</div><div>pmx: 0x00 ✓</div><div>treasury: 0x00 ✓</div><div>buckets: {} ✓</div><div>dexes: {} ✓</div><div>cmTypeToAddress: {} ✓</div><div>dexAdapter: 0x00 ✓</div><div>aavePool: 0x00 ✓</div><div>feeRates: {} ✓</div><div>dexesNames: [] ✓</div><div>feeRestrictions: {} ✓</div></div>
Libraries	Errors: 0xB959663e3FAb840C9bfebC6d2d32822D25317292 ✓
Deploy Scripts	<div><a href="#">deploy/core/PrimexDNS.deploy.js</a></div> <div><a href="#">tasks/core/PrimexDNS/PrimexDNS.deploy.js</a></div>
Deploy Configs	<div><a href="#">config/ethereum/generalConfig.json</a></div>



# PrimexLens Contract

PrimexLens Contract Information Summary	
Deployed	0xBF7259d41af428642140C88a10db6921a383FCC1
Verified	No, by Etherscan ❌
Deployer	0xC110b6e93a51ACF1f3DEd19c754789E7A2304F07 (Deployer) ✔️
Proxy	No ✔️
Input params (constructor)	_takeProfitStopLossCCM: 0x37B63C1BFbf1203057DB510516C3B32E724e9496 ✔️
Storage	None
Libraries	PrimexPricingLibrary: 0xab03C0c0Ba39a886eD51757272E91cd739542118 ✔️ PositionLibrary: 0xE56d397236252188dd45aba573D57c1Fa4a8E75C ✔️ LimitOrderLibrary: 0x85B630547f5F10625B0548Edd35C22312fb623AD ✔️ Errors: 0xB959663e3FAB840C9bfebC6d2d32822D25317292 ✔️
Deploy Scripts	<a href="#">deploy/core/lens/PrimexLens.deploy.js</a> <a href="#">tasks/core/lens/PrimexLens/primexLens.deploy.js</a>
Deploy Configs	None

Note: While the contract’s bytecode is not yet verified by Etherscan, it matches the compiled artifacts’ bytecode of the project’s repository.



# PrimexPricingLibrary Contract

Info

RES-PRMX-EDR44

Data Validation

Acknowledged

PrimexPricingLibrary Contract Information Summary	
Deployed	0xab03C0c0Ba39a886eD51757272E91cd739542118 (Library)
Verified	Yes, by Etherscan ✓
Deployer	0xC110b6e93a51ACF1f3DEd19c754789E7A2304F07 (Deployer) ✓
Proxy	No ✓
Input params (constructor)	None
Storage	None
Libraries	TokenTransfersLibrary: 0xF90aCbeF0eDDdd6854c96137f416a5b7dD67D904 ✓ Errors: 0xB959663e3FAB840C9bfebC6d2d32822D25317292 ✓
Deploy Scripts	<a href="#">deploy/core/libraries/PrimexPricingLibrary.deploy.js</a> <a href="#">tasks/core/libraries/PrimexPricingLibrary/PrimexPricingLibrary.deploy.js</a>
Deploy Configs	None



# PrimexProxyAdmin Contract

PrimexProxyAdmin Contract Information Summary	
Deployed	0x4FFa6c545a6249baF2D66ce21CeF3D2C2cCa69D0
Verified	Yes, by Etherscan ✓
Deployer	0xC110b6e93a51ACF1f3DEd19c754789E7A2304F07 (Deployer) ✓
Proxy	ProxyAdmin ✓
Input params (constructor)	_registry: 0x7Efd1965390D1EDb1A6d0d7bdAa5b501d0aEc7bB ✓
Storage	_owner: 0x4FFa6c545a6249baF2D66ce21CeF3D2C2cCa69D0 ✓
Libraries	Errors: 0xB959663e3FAb840C9bfebC6d2d32822D25317292 ✓
Deploy Scripts	<a href="#">deploy/core/PrimexProxyAdmin.deploy.js</a> <a href="#">tasks/core/PrimexProxyAdmin/PrimexProxyAdmin.deploy.js</a>
Deploy Configs	None



# PrimexUpkeep Contract

PrimexUpkeep Contract Information Summary	
Deployed	0xC028711DAe26f761a7897F49c5D3D7Bfdaf7a187
Verified	Yes, by Etherscan ✓
Deployer	0xC110b6e93a51ACF1f3DEd19c754789E7A2304F07 (Deployer) ✓
Proxy	No ✓
Input params (constructor)	<div><div>_positionManager: 0x99d63fEA4b3Ef6ca77941df3C5740dAd1586f0B8 ✓</div><div>_limitOrderManager: 0xB60Dda2873F789185e33E03f8f75A65a8D2d236d ✓</div><div>_registry: 0x7Efd1965390D1EDb1A6d0d7bdAa5b501d0aEc7bB ✓</div><div>_bestDexLens: 0x6199b77e14e96EB1D438240028E35a0A280109b1 ✓</div><div>_primexLens: 0xBF7259d41af428642140C88a10db6921a383FCC1 ✓</div></div>
Storage	None
Libraries	Errors: 0xB959663e3FAb840C9bfebC6d2d32822D25317292 ✓
Deploy Scripts	<div><a href="#">deploy/core/PrimexUpkeep.deploy.js</a></div> <div><a href="#">tasks/core/PrimexUpkeep/PrimexUpkeep.deploy.js</a></div>
Deploy Configs	None



# PToken Contract

	PToken Contract Information Summary
Deployed	0x43040Df318a86Ed685BAd73399266D020BF00c2a
Verified	Yes, by Etherscan ✓
Deployer	0xC110b6e93a51ACF1f3DEd19c754789E7A2304F07 (Deployer) ✓
Proxy	No ✓
Input params (constructor)	None
Storage	<div><div>_initialized: 255 ✓</div><div>_initializing: false ✓</div><div>__gap: [] ✓</div><div>_balances: {} ✓</div><div>_allowances: {} ✓</div><div>_totalSupply: 0 ✓</div><div>_name: "" ✓</div><div>_symbol: "" ✓</div><div>__gap: [] ✓</div><div>__gap: [] ✓</div><div>_status: 0 ✓</div><div>__gap: [] ✓</div><div>bucket: 0x00 ✓</div><div>interestIncreaser: 0x00 ✓</div><div>lenderRewardDistributor: 0x00 ✓</div><div>lockedDepositsIndexes: [] ✓</div><div>tokenDecimals: 0 ✓</div><div>lockedBalances: {} ✓</div><div>bucketsFactory: 0x00 ✓</div></div>
Libraries	Errors: 0xB959663e3FAb840C9bfebC6d2d32822D25317292 ✓
Deploy Scripts	<div><a href="#">deploy/core/PTokenImplementation.deploy.js</a></div> <div><a href="#">tasks/core/factories/PTokensFactory/PTokenImplementation.deploy.js</a></div>
Deploy Configs	None



# PTokensFactory Contract

PTokensFactory Contract Information Summary	
Deployed	0x68482752889A4fFc1c09A593200087CE63544E44
Verified	Yes, by Etherscan ✓
Deployer	0xC110b6e93a51ACF1f3DEd19c754789E7A2304F07 (Deployer) ✓
Proxy	UpgradeableBeacon ✓
Input params (constructor)	_ptokenImplementation: 0x43040Df318a86Ed685BAd73399266D020BF00c2a ✓
Storage	_registry: 0x7Efd1965390D1EDb1A6d0d7bdAa5b501d0aEc7bB ✓
	_owner: 0x4FFa6c545a6249baF2D66ce21CeF3D2C2cCa69D0 ✓
	_implementation: 0x43040Df318a86Ed685BAd73399266D020BF00c2a ✓
	bucketsFactory: 0x7dE8607157124c894Ba9F18dd6138B5E8AAAd5890 ✓
	registry: 0x7Efd1965390D1EDb1A6d0d7bdAa5b501d0aEc7bB ✓
Libraries	Errors: 0xB959663e3FAb840C9bfebC6d2d32822D25317292 ✓
Deploy Scripts	<a href="#">deploy/core/factories/PTokensFactory.deploy.js</a> <a href="#">tasks/core/factories/PTokensFactory/PTokensFactory.deploy.js</a>
Deploy Configs	None

The proxy contract's owner is the contract PrimexProxyAdmin (0x4FFa6c545a6249baF2D66ce21CeF3D2C2cCa69D0).



# P-DAI Contract

	P-DAI Contract Information Summary
Deployed	0x8CAfdbD35E6c81C6cABb3d966A57C574643aB76
Verified	Yes, by Etherscan ✓
Deployer	0xC110b6e93a51ACF1f3DEd19c754789E7A2304F07 (Deployer) ✓
Proxy	BeaconProxy ✓
Input params (initialize)	<div><div>_name: "Primex pToken Dai Stablecoin" ✓</div><div>_symbol: "P-DAI" ✓</div><div>_decimals: 18 ✓</div><div>_bucketsFactory: 0x7dE8607157124c894Ba9F18dd6138B5E8AAAd5890 ✓</div></div>
Storage	<div><div>_initialized: 1 ✓</div><div>_initializing: false ✓</div><div>__gap: [] ✓</div><div>_balances: {...abbreviated...} ✓</div><div>_allowances: {...abbreviated...} ✓</div><div>_totalSupply: 0 ✓</div><div>_name: "Primex pToken Dai Stablecoin" ✓</div><div>_symbol: "P-DAI" ✓</div><div>__gap: [] ✓</div><div>__gap: [] ✓</div><div>_status: 1 ✓</div><div>__gap: [] ✓</div><div>bucket: 0x6A1E6996669CFAf41A95D1Ae023123699952D569 ✓</div><div>interestIncreaser: 0x00 ✓</div><div>lenderRewardDistributor: 0xA622b8DfC3B5Ec283CEfd37768F5B3b3E316730 ✓</div><div>lockedDepositsIndexes: [] ✓</div><div>tokenDecimals: 18 ✓</div><div>lockedBalances: {...abbreviated...} ✓</div><div>bucketsFactory: 0x7dE8607157124c894Ba9F18dd6138B5E8AAAd5890 ✓</div></div>
Libraries	None
Deploy Scripts	<a href="#">tasks/core/Bucket/bucket.deploy.js</a>
Deploy Configs	None





# P-MATIC Contract

	P-MATIC Contract Information Summary
Deployed	0xe070dEA0B4695CDdccfFd7A798E4BE1497A25283
Verified	Yes, by Etherscan ✓
Deployer	0xC110b6e93a51ACF1f3DEd19c754789E7A2304F07 (Deployer) ✓
Proxy	BeaconProxy ✓
Input params (initialize)	<div><div>_name: "Primex pToken Matic Token" ✓</div><div>_symbol: "P-MATIC" ✓</div><div>_decimals: 18 ✓</div><div>_bucketsFactory: 0x7dE8607157124c894Ba9F18dd6138B5E8AAAd5890 ✓</div></div>
Storage	<div><div>_initialized: 1 ✓</div><div>_initializing: false ✓</div><div>__gap: [] ✓</div><div>_balances: {...abbreviated...} ✓</div><div>_allowances: {...abbreviated...} ✓</div><div>_totalSupply: 0 ✓</div><div>_name: "Primex pToken Matic Token" ✓</div><div>_symbol: "P-MATIC" ✓</div><div>__gap: [] ✓</div><div>__gap: [] ✓</div><div>_status: 1 ✓</div><div>__gap: [] ✓</div><div>bucket: 0xBB79A93508DE023E9eC9db7252Be3136e789fD68 ✓</div><div>interestIncreaser: 0x00 ✓</div><div>lenderRewardDistributor: 0xA622b8DfC3B5Ec283CEef37768F5B3b3E316730 ✓</div><div>lockedDepositsIndexes: [] ✓</div><div>tokenDecimals: 18 ✓</div><div>lockedBalances: {...abbreviated...} ✓</div><div>bucketsFactory: 0x7dE8607157124c894Ba9F18dd6138B5E8AAAd5890 ✓</div></div>
Libraries	None
Deploy Scripts	<a href="#">tasks/core/Bucket/bucket.deploy.js</a>
Deploy Configs	None



# P-USDC Contract

P-USDC Contract Information Summary	
Deployed	0xCB22D6488f96592a9caBbD04a9F272e70741318e
Verified	Yes, by Etherscan ✓
Deployer	0xC110b6e93a51ACF1f3DEd19c754789E7A2304F07 (Deployer) ✓
Proxy	BeaconProxy ✓
Input params (initialize)	<div><div>_name: "Primex pToken USD Coin" ✓</div><div>_symbol: "P-USDC" ✓</div><div>_decimals: 6 ✓</div><div>_bucketsFactory: 0x7dE8607157124c894Ba9F18dd6138B5E8AAAd5890 ✓</div></div>
Storage	<div><div>_initialized: 1 ✓</div><div>_initializing: false ✓</div><div>__gap: [] ✓</div><div>_balances: {...abbreviated...} ✓</div><div>_allowances: {...abbreviated...} ✓</div><div>_totalSupply: 0 ✓</div><div>_name: "Primex pToken USD Coin" ✓</div><div>_symbol: "P-USDC" ✓</div><div>__gap: [] ✓</div><div>__gap: [] ✓</div><div>_status: 1 ✓</div><div>__gap: [] ✓</div><div>bucket: 0x98EA73Aa5cb4EC957A3De403EBC9426c6560c4fc ✓</div><div>interestIncreaser: 0x00 ✓</div><div>lenderRewardDistributor: 0xA622b8DfC3B5Ec283CEefd37768F5B3b3E316730 ✓</div><div>lockedDepositsIndexes: [] ✓</div><div>tokenDecimals: 6 ✓</div><div>lockedBalances: {...abbreviated...} ✓</div><div>bucketsFactory: 0x7dE8607157124c894Ba9F18dd6138B5E8AAAd5890 ✓</div></div>
Libraries	None
Deploy Scripts	<a href="#">tasks/core/Bucket/bucket.deploy.js</a>
Deploy Configs	None



# P-USDT Contract

P-USDT Contract Information Summary	
Deployed	0xDFb3b3d2B7bc5a8ee874A79E6dcB19149037bfF1
Verified	Yes, by Etherscan ✓
Deployer	0xC110b6e93a51ACF1f3DEd19c754789E7A2304F07 (Deployer) ✓
Proxy	BeaconProxy ✓
Input params (initialize)	<div><div>_name: "Primex pToken Tether USD" ✓</div><div>_symbol: "P-USDT" ✓</div><div>_decimals: 6 ✓</div><div>_bucketsFactory: 0x7dE8607157124c894Ba9F18dd6138B5E8AAAd5890 ✓</div></div>
Storage	<div><div>_initialized: 1 ✓</div><div>_initializing: false ✓</div><div>__gap: [] ✓</div><div>_balances: {...abbreviated...} ✓</div><div>_allowances: {...abbreviated...} ✓</div><div>_totalSupply: 0 ✓</div><div>_name: "Primex pToken Tether USD" ✓</div><div>_symbol: "P-USDT" ✓</div><div>__gap: [] ✓</div><div>__gap: [] ✓</div><div>_status: 1 ✓</div><div>__gap: [] ✓</div><div>bucket: 0xcEE7FBa37Df0c8D2b756c78e93E3997FdCa39A91 ✓</div><div>interestIncreaser: 0x00 ✓</div><div>lenderRewardDistributor: 0xA622b8DfC3B5Ec283CEef37768F5B3b3E316730 ✓</div><div>lockedDepositsIndexes: [] ✓</div><div>tokenDecimals: 6 ✓</div><div>lockedBalances: {...abbreviated...} ✓</div><div>bucketsFactory: 0x7dE8607157124c894Ba9F18dd6138B5E8AAAd5890 ✓</div></div>
Libraries	None
Deploy Scripts	<a href="#">tasks/core/Bucket/bucket.deploy.js</a>
Deploy Configs	None



# P-WBTC Contract

	P-WBTC Contract Information Summary
Deployed	0x89F6D01512BF8a40480BD50356ba6C88dE9Ff2d4
Verified	Yes, by Etherscan ✓
Deployer	0xC110b6e93a51ACF1f3DEd19c754789E7A2304F07 (Deployer) ✓
Proxy	BeaconProxy ✓
Input params (initialize)	<div><div>_name: "Primex pToken Wrapped BTC" ✓</div><div>_symbol: "P-WBTC" ✓</div><div>_decimals: 8 ✓</div><div>_bucketsFactory: 0x7dE8607157124c894Ba9F18dd6138B5E8AAAd5890 ✓</div></div>
Storage	<div><div><div>_initialized: 1 ✓</div><div>_initializing: false ✓</div><div>__gap: [] ✓</div><div>_balances: {...abbreviated...} ✓</div><div>_allowances: {...abbreviated...} ✓</div><div>_totalSupply: 0 ✓</div><div>_name: "Primex pToken Wrapped BTC" ✓</div><div>_symbol: "P-WBTC" ✓</div><div>__gap: [] ✓</div><div>__gap: [] ✓</div><div>_status: 1 ✓</div><div>__gap: [] ✓</div></div><div><div>bucket: 0x6deAFC6f532EFaF72f7D33972A3e7B3864676E92 ✓</div><div>interestIncreaser: 0x00 ✓</div><div>lenderRewardDistributor: 0xA622b8DfC3B5Ec283CEef37768F5B3b3E316730 ✓</div><div>lockedDepositsIndexes: [] ✓</div><div>tokenDecimals: 8 ✓</div><div>lockedBalances: {...abbreviated...} ✓</div><div>bucketsFactory: 0x7dE8607157124c894Ba9F18dd6138B5E8AAAd5890 ✓</div></div></div>
Libraries	None
Deploy Scripts	<a href="#">tasks/core/Bucket/bucket.deploy.js</a>
Deploy Configs	None



# P-WETH Contract

P-WETH Contract Information Summary	
Deployed	0x4B80D7fd621B9e17fc742f39e17a6fa3954bBfcb
Verified	Yes, by Etherscan ✓
Deployer	0xC110b6e93a51ACF1f3DEd19c754789E7A2304F07 (Deployer) ✓
Proxy	BeaconProxy ✓
Input params (initialize)	<div><div>_name: "Primex pToken Wrapped Ether" ✓</div><div>_symbol: "P-WETH" ✓</div><div>_decimals: 18 ✓</div><div>_bucketsFactory: 0x7dE8607157124c894Ba9F18dd6138B5E8AAAd5890 ✓</div></div>
Storage	<div><div>_initialized: 1 ✓</div><div>_initializing: false ✓</div><div>__gap: [] ✓</div><div>_balances: {...abbreviated...} ✓</div><div>_allowances: {...abbreviated...} ✓</div><div>_totalSupply: 0 ✓</div><div>_name: "Primex pToken Wrapped Ether" ✓</div><div>_symbol: "P-WETH" ✓</div><div>__gap: [] ✓</div><div>__gap: [] ✓</div><div>_status: 1 ✓</div><div>__gap: [] ✓</div><div>bucket: 0x19204B95477d6A665E35C84Ce77024DBeFb53aB2 ✓</div><div>interestIncreaser: 0x00 ✓</div><div>lenderRewardDistributor: 0xA622b8DfC3B5Ec283CEefd37768F5B3b3E316730 ✓</div><div>lockedDepositsIndexes: [] ✓</div><div>tokenDecimals: 18 ✓</div><div>lockedBalances: {...abbreviated...} ✓</div><div>bucketsFactory: 0x7dE8607157124c894Ba9F18dd6138B5E8AAAd5890 ✓</div></div>
Libraries	None
Deploy Scripts	<a href="#">tasks/core/Bucket/bucket.deploy.js</a>
Deploy Configs	None



# ReferralProgram Contract

ReferralProgram Contract Information Summary	
Deployed	0xf84ac0042afb5FBFEab5BB36cB97Dbe422d0756d
Verified	Yes, by Etherscan ✓
Deployer	0xC110b6e93a51ACF1f3DEd19c754789E7A2304F07 (Deployer) ✓
Proxy	TransparentUpgradeableProxy ✓
Input params (initialize)	_registry: 0x7Efd1965390D1EDb1A6d0d7bdAa5b501d0aEc7bB ✓
Storage	<div><div>_initialized: 1 ✓</div><div>_initializing: false ✓</div><div>__gap: [] ✓</div><div>registry: 0x7Efd1965390D1EDb1A6d0d7bdAa5b501d0aEc7bB ✓</div><div>referrerOf: {...abbreviated...} ✓</div><div>referralsOf: {...abbreviated...} ✓</div><div>referrers: [] ✓</div><div>alreadyReferrer: {...abbreviated...} ✓</div></div>
Libraries	None
Deploy Scripts	<div>deploy/core/referralProgram/ReferralProgram.deploy.js</div> <div>tasks/referral/ReferralProgram/referralProgram.deploy.js</div>
Deploy Confgs	<div>config/ethereum/generalConfig.json</div>

The proxy contract's owner is the contract PrimexProxyAdmin (0x4FFa6c545a6249baF2D66ce21CeF3D2C2cCa69D0).



# ReferralProgram Implementation Contract

	ReferralProgram (Implementation) Contract Information Summary
Deployed	0xd0cd5f82EB8E667aE6FC72eA85db6e50aFE21344
Verified	Yes, by Etherscan ✓
Deployer	0xC110b6e93a51ACF1f3DEd19c754789E7A2304F07 (Deployer) ✓
Proxy	No ✓
Input params (constructor)	None (Disabled) ✓
Storage	<div><div>_initialized: 255 ✓</div><div>_initializing: false ✓</div><div>__gap: [] ✓</div><div>registry: 0x00 ✓</div><div>referrerOf: {} ✓</div><div>referralsOf: {} ✓</div><div>referrers: [] ✓</div><div>alreadyReferrer: {} ✓</div></div>
Libraries	Errors: 0xB959663e3FAb840C9bfebC6d2d32822D25317292 ✓
Deploy Scripts	<div><a href="#">deploy/core/referralProgram/ReferralProgram.deploy.js</a></div> <div><a href="#">tasks/referral/ReferralProgram/referralProgram.deploy.js</a></div>
Deploy Configs	<div><a href="#">config/ethereum/generalConfig.json</a></div>



# PrimexRegistry Contract

PrimexRegistry Contract Information Summary	
Deployed	0x7Efd1965390D1EDb1A6d0d7bdAa5b501d0aEc7bB
Verified	Yes, by Etherscan ✓
Deployer	0xC110b6e93a51ACF1f3DEd19c754789E7A2304F07 (Deployer) ✓
Proxy	No ✓
Input params (constructor)	None
Storage	<code>_roles: {...abbreviated...}</code> ✓ <code>isRoleForContractsOnly: {...abbreviated...}</code> ✓
Libraries	Errors: 0xB959663e3FAb840C9bfebC6d2d32822D25317292 ✓
Deploy Scripts	<code>deploy/core/Registry.deploy.js</code> <code>tasks/core/Registry/registry.deploy.js</code>
Deploy Configs	<code>config/ethereum/addresses.json</code>

Assigned roles to contract addresses:

- BATCH\_MANAGER\_ROLE - BatchManager
- DEFAULT\_ADMIN\_ROLE - BigTimelockAdmin
- EMERGENCY\_ADMIN - 0x1F4eB13d269D8d6Ab78B43125D0d9174531066eb (Trusted EOA)
- EMERGENCY\_ADMIN - 0x3172516876170F3dbF6D1d133564Ad0835dC7F15 (Trusted EOA)
- EMERGENCY\_ADMIN - 0x591Ba6a8cc1071FB715DEd16153C8BD4b86206C (Trusted EOA)
- EMERGENCY\_ADMIN - 0x73FD3C3f97a8C09E02DEd1531E7Eb8C2fafCcce1 (Trusted EOA)
- EMERGENCY\_ADMIN - 0xBe0Fa24F3F1aD7ca46b28BD13d5de22211630585 (Trusted EOA)
- EMERGENCY\_ADMIN - 0xbeB650aE23b83c4eE8FF96E25CA9C82A51f17571 (Trusted EOA)
- EMERGENCY\_ADMIN - 0xC110b6e93a51ACF1f3DEd19c754789E7A2304F07 (Deployer)
- EMERGENCY\_ADMIN - 0xc6C104DB1b744Eb247940BDBBF91172F29CBD67f (Trusted EOA)
- EMERGENCY\_ADMIN - 0xf62C498a0f1E45885A915C7932b10FbCaeC76438 (Trusted EOA)
- GUARDIAN\_ADMIN - 0xCD2700583158782FBCc2D8E681F51BA8d4BdE771 (Primex Multisig)
- LOM\_ROLE - LimitOrderManager
- MEDIUM\_TIMELOCK\_ADMIN - 0xC110b6e93a51ACF1f3DEd19c754789E7A2304F07 (Deployer)
- MEDIUM\_TIMELOCK\_ADMIN - BigTimelockAdmin
- MEDIUM\_TIMELOCK\_ADMIN - MediumTimelockAdmin



- NO\_FEE\_ROLE - Primex Bucket DAI
- NO\_FEE\_ROLE - Primex Bucket MATIC
- NO\_FEE\_ROLE - Primex Bucket WBTC
- NO\_FEE\_ROLE - Primex Bucket WETH
- NO\_FEE\_ROLE - Primex Bucket USDC
- NO\_FEE\_ROLE - Primex Bucket USDT
- NO\_FEE\_ROLE - Test Bucket USDC
- NO\_FEE\_ROLE - LimitOrderManager
- PM\_ROLE - PositionManager
- SMALL\_TIMELOCK\_ADMIN - 0xC110b6e93a51ACF1f3DEd19c754789E7A2304F07 (Deployer)
- SMALL\_TIMELOCK\_ADMIN - BigTimelockAdmin
- SMALL\_TIMELOCK\_ADMIN - SmallTimelockAdmin
- TRUSTED\_TOLERABLE\_LIMIT\_ROLE - 0x3140C6e50984C5028a5022254F34A6B70B750835 (Trusted EOA)
- VAULT\_ACCESS\_ROLE - ActivityRewardDistributor
- VAULT\_ACCESS\_ROLE - BatchManager
- VAULT\_ACCESS\_ROLE - LimitOrderManager
- VAULT\_ACCESS\_ROLE - LiquidityMiningRewardDistributor
- VAULT\_ACCESS\_ROLE - PositionManager
- VAULT\_ACCESS\_ROLE - Primex Bucket DAI
- VAULT\_ACCESS\_ROLE - Primex Bucket MATIC
- VAULT\_ACCESS\_ROLE - Primex Bucket WBTC
- VAULT\_ACCESS\_ROLE - Primex Bucket WETH
- VAULT\_ACCESS\_ROLE - Primex Bucket USDC
- VAULT\_ACCESS\_ROLE - Primex Bucket USDT
- VAULT\_ACCESS\_ROLE - SpotTradingRewardDistributor
- VAULT\_ACCESS\_ROLE - SwapManager
- VAULT\_ACCESS\_ROLE - Test Bucket USDC

Issues:

1. This contract references a test bucket. Test smart contracts should not be referenced or used on mainnet.

## Status

*The issue was acknowledged by Primex's team. The development team stated "The respective roles of the test bucket have been removed, and roles of the deployer have been renounced".*



# Reserve Contract

Reserve Contract Information Summary	
Deployed	0x05Ee7B3701d8c19EcFBCbDcD0A2Bda8eb25790BA
Verified	Yes, by Etherscan ✓
Deployer	0xC110b6e93a51ACF1f3DEd19c754789E7A2304F07 (Deployer) ✓
Proxy	TransparentUpgradeableProxy ✓
Input params (initialize)	<div><div>_dns: 0x759ea1497C9Cf8ad9c1cf2a9e8a8D17f1387A9Dc ✓</div><div>_registry: 0x7Efd1965390D1EDb1A6d0d7bdAa5b501d0aEc7bB ✓</div></div>
Storage	<div><div>_initialized: 1 ✓</div><div>_initializing: false ✓</div><div>__gap: [] ✓</div><div>_paused: false ✓</div><div>__gap: [] ✓</div><div>_status: 1 ✓</div><div>__gap: [] ✓</div><div>__gap: [] ✓</div><div>dns: 0x759ea1497C9Cf8ad9c1cf2a9e8a8D17f1387A9Dc ✓</div><div>registry: 0x7Efd1965390D1EDb1A6d0d7bdAa5b501d0aEc7bB ✓</div><div>transferRestrictions: {...abbreviated...} ✓</div></div>
Libraries	None
Deploy Scripts	<div><div>deploy/core/Reserve.deploy.js</div><div>tasks/core/Reserve/Reserve.deploy.js</div></div>
Deploy Configs	<div><div>config/ethereum/generalConfig.json</div></div>

The proxy contract's owner is the contract PrimexProxyAdmin (0x4FFa6c545a6249baF2D66ce21CeF3D2C2cCa69D0).



# Reserve Implementation Contract

Reserve (Implementation) Contract Information Summary	
Deployed	0x236B19860619Fdfbf882D8c736122622713F960e
Verified	Yes, by Etherscan ✓
Deployer	0xC110b6e93a51ACF1f3DEd19c754789E7A2304F07 (Deployer) ✓
Proxy	No ✓
Input params (constructor)	None (Disabled) ✓
Storage	<div><div>_initialized: 255 ✓</div><div>_initializing: false ✓</div><div>__gap: [] ✓</div><div>_paused: false ✓</div><div>__gap: [] ✓</div><div>_status: 0 ✓</div><div>__gap: [] ✓</div><div>__gap: [] ✓</div><div>dns: 0x00 ✓</div><div>registry: 0x00 ✓</div><div>transferRestrictions: {} ✓</div></div>
Libraries	Errors: 0xB959663e3FAb840C9bfebC6d2d32822D25317292 ✓
Deploy Scripts	<div><a href="#">deploy/core/Reserve.deploy.js</a></div> <div><a href="#">tasks/core/Reserve/Reserve.deploy.js</a></div>
Deploy Configs	<div><a href="#">config/ethereum/generalConfig.json</a></div>



# SmallTimelockAdmin Contract

	SmallTimelockAdmin Contract Information Summary
Deployed	0xFFdf60c0f83be68C906fb5B8c481A719845bb0a0
Verified	Yes, by Etherscan ✓
Deployer	0xC110b6e93a51ACF1f3DEd19c754789E7A2304F07 (Deployer) ✓
Proxy	No ✓
Input params (constructor)	<div><div>_minDelay: 43200 ✓</div><div>_proposers: [0xE9243361077F68fa17A613C67119fBCC9805D709] ✓</div><div>_executors: [0xE9243361077F68fa17A613C67119fBCC9805D709] ✓</div><div>_admin: 0xC110b6e93a51ACF1f3DEd19c754789E7A2304F07 ✓</div><div>_registry: 0x7Efd1965390D1EDb1A6d0d7bdAa5b501d0aEc7bB ✓</div></div>
Storage	<div><div>_roles: {...abbreviated...} ✓</div><div>_timestamps: {...abbreviated...} ✓</div><div>_minDelay: 43200 ✓</div><div>_paused: false ✓</div></div>
Libraries	Errors: 0xB959663e3FAb840C9bfebC6d2d32822D25317292 ✓
Deploy Scripts	<div><div>deploy/core/PrimexTimelocks.deploy.js</div><div>tasks/core/PrimexTimelock/PrimexTimelock.deploy.js</div></div>
Deploy Configs	config/ethereum/generalConfig.json



## Acknowledged

The proxy contract's owner is the contract `PrimexProxyAdmin` (`0x4FFa6c545a6249baF2D66ce21CeF3D2C2cCa69D0`).

The issue was acknowledged by Primex's team. The development team stated "dns is not used in SpotTradingRewardDistributor and was occasionally left in its storage. It

*should be removed in the future version of SpotTradingRewardDistributor that will be deployed together with PMX token."*



# SpotTradingRewardDistributor      Implementation Contract

Info

RES-PRMX-EDR62

Data Validation

Acknowledged

SpotTradingRewardDistributor (Implementation) Contract Information Summary	
Deployed	0x951870D6C016E28Bd40a1244B1dc34cc97C763EB
Verified	No, by Etherscan ❌
Deployer	0xC110b6e93a51ACF1f3DEd19c754789E7A2304F07 (Deployer) ✔️
Proxy	No ✔️
Input params (constructor)	None (Disabled) ✔️
Storage	<div><div>_initialized: 255 ✔️</div><div>_initializing: false ✔️</div><div>_status: 0 ✔️</div><div>__gap: [] ✔️</div><div>__gap: [] ✔️</div><div>_paused: false ✔️</div><div>__gap: [] ✔️</div><div>__gap: [] ✔️</div><div>registry: 0x00 ✔️</div><div>dns: 0x00 ✔️</div><div>periodDuration: 0 ✔️</div><div>initialPeriodTimestamp: 0 ✔️</div><div>rewardPerPeriod: 0 ✔️</div><div>pmx: 0x00 ✔️</div><div>priceOracle: 0x00 ✔️</div><div>treasury: 0x00 ✔️</div><div>traderBalanceVault: 0x00 ✔️</div><div>undistributedPMX: 0 ✔️</div><div>periods: {} ✔️</div><div>periodsWithTraderActivity: {} ✔️</div></div>
Libraries	<div>PrimexPricingLibrary: 0xab03C0c0Ba39a886eD51757272E91cd739542118 ✔️</div> <div>Errors: 0xB959663e3FAb840C9bfebC6d2d32822D25317292 ✔️</div>
Deploy Scripts	<div><a href="#">deploy/core/SpotTradingRewardDistributor.deploy.js</a></div> <div><a href="#">tasks/core/SpotTradingRewardDistributor/SpotTradingRewardDistributor.deploy</a></div>
Deploy Configs	None

Note: While the contract’s bytecode is not yet verified by Etherscan, it matches the compiled artifacts’ bytecode of the project’s repository.





# SwapManager Contract

	SwapManager Contract Information Summary
Deployed	0xa6d76535e265357187653d4AAAd9b362404D42EA8
Verified	Yes, by Etherscan ✓
Deployer	0xC110b6e93a51ACF1f3DEd19c754789E7A2304F07 (Deployer) ✓
Proxy	No ✓
Input params (constructor)	<div><div>_registry: 0x7Efd1965390D1EDb1A6d0d7bdAa5b501d0aEc7bB ✓</div><div>_primexDNS: 0x759ea1497C9Cf8ad9c1cf2a9e8a8D17f1387A9Dc ✓</div><div>_traderBalanceVault: 0x156e2fC8e1906507412BEeEB6640Bf999a1Ea76b ✓</div><div>_priceOracle: 0x5E93BCC3Ce5115ed665676256c1959e8217428E8 ✓</div><div>_whiteBlackList: 0x63464916388dAB4f2e80551250335490C4518D37 ✓</div></div>
Storage	<div><div>_status: 1 ✓</div><div>_paused: false ✓</div></div>
Libraries	<div><div>PrimexPricingLibrary: 0xab03C0c0Ba39a886eD51757272E91cd739542118 ✓</div><div>TokenTransfersLibrary: 0xF90aCbeF0eDDdd6854c96137f416a5b7dD67D904 ✓</div><div>Errors: 0xB959663e3FAB840C9bfebC6d2d32822D25317292 ✓</div></div>
Deploy Scripts	<div><div>deploy/core/SwapManager.deploy.js</div><div>tasks/core/SwapManager/swapManager.deploy.js</div></div>
Deploy Configs	None



# TakeProfitStopLossCCM Contract

Info

RES-PRMX-EDR64

Data Validation

Acknowledged

	TakeProfitStopLossCCM Contract Information Summary
Deployed	0x37B63C1BFbf1203057DB510516C3B32E724e9496
Verified	Yes, by Etherscan ✓
Deployer	0xC110b6e93a51ACF1f3DEd19c754789E7A2304F07 (Deployer) ✓
Proxy	No ✓
Input params	_primexDNS: 0x759ea1497C9Cf8ad9c1cf2a9e8a8D17f1387A9Dc ✓
(constructor)	_priceOracle: 0x5E93BCC3Ce5115ed665676256c1959e8217428E8 ✓
Storage	None
Libraries	PrimexPricingLibrary: 0xab03C0c0Ba39a886eD51757272E91cd739542118 ✓ PositionLibrary: 0xE56d397236252188dd45aba573D57c1Fa4a8E75C ✓ Errors: 0xB959663e3FAB840C9bfebC6d2d32822D25317292 ✓
Deploy Scripts	<a href="#">deploy/core/ConditionalManagers/TakeProfitStopLossCCM.deploy.js</a> <a href="#">tasks/core/conditionalManagers/TakeProfitStopLossCCM/TakeProfitStopLossCCM.</a>
Deploy Configs	None



# TokenTransfersLibrary Contract

Info

RES-PRMX-EDR65

Data Validation

Acknowledged

TokenTransfersLibrary Contract Information Summary	
Deployed	0xF90aCbeF0eDDdd6854c96137f416a5b7dD67D904 (Library)
Verified	Yes, by Etherscan ✓
Deployer	0xC110b6e93a51ACF1f3DEd19c754789E7A2304F07 (Deployer) ✓
Proxy	No ✓
Input params (constructor)	None
Storage	None
Libraries	Errors: 0xB959663e3FAb840C9bfebC6d2d32822D25317292 ✓
Deploy Scripts	<a href="#">deploy/core/libraries/TokenTransfersLibrary.deploy.js</a> <a href="#">tasks/core/libraries/TokenTransfersLibrary/TokenTransfersLibrary.deploy.js</a>
Deploy Configs	None



# TraderBalanceVault Contract

TraderBalanceVault Contract Information Summary	
Deployed	0x156e2fC8e1906507412BEeEB6640Bf999a1Ea76b
Verified	Yes, by Etherscan ✓
Deployer	0xC110b6e93a51ACF1f3DEd19c754789E7A2304F07 (Deployer) ✓
Proxy	TransparentUpgradeableProxy ✓
Input params (initialize)	<div><div>_registry: 0x7Efd1965390D1EDb1A6d0d7bdAa5b501d0aEc7bB ✓</div><div>_whiteBlacklist: 0x63464916388dAB4f2e80551250335490C4518D37 ✓</div></div>
Storage	<div><div>_initialized: 1 ✓</div><div>_initializing: false ✓</div><div>_status: 1 ✓</div><div>__gap: [] ✓</div><div>__gap: [] ✓</div><div>_paused: false ✓</div><div>__gap: [] ✓</div><div>__gap: [] ✓</div><div>registry: 0x7Efd1965390D1EDb1A6d0d7bdAa5b501d0aEc7bB ✓</div><div>balances: {...abbreviated...} ✓</div><div>whiteBlacklist: 0x63464916388dAB4f2e80551250335490C4518D37 ✓</div></div>
Libraries	None
Deploy Scripts	<div><div><a href="#">deploy/core/TraderBalanceVault.deploy.js</a></div><div><a href="#">tasks/core/TraderBalanceVault/traderBalanceVault.deploy.js</a></div></div>
Deploy Configs	None

The proxy contract's owner is the contract PrimexProxyAdmin (0x4FFa6c545a6249baF2D66ce21CeF3D2C2cCa69D0).



# TraderBalanceVault Implementation Contract

	TraderBalanceVault (Implementation) Contract Information Summary
Deployed	0x3A159B114b7aa6bA06BE84Dd1aa9E9ad82BF25a0
Verified	Yes, by Etherscan ✓
Deployer	0xC110b6e93a51ACF1f3DEd19c754789E7A2304F07 (Deployer) ✓
Proxy	No ✓
Input params (constructor)	None (Disabled) ✓
Storage	<div><div>_initialized: 255 ✓</div><div>_initializing: false ✓</div><div>_status: 0 ✓</div><div>__gap: [] ✓</div><div>__gap: [] ✓</div><div>_paused: false ✓</div><div>__gap: [] ✓</div><div>__gap: [] ✓</div><div>registry: 0x00 ✓</div><div>balances: {} ✓</div><div>whiteBlacklist: 0x00 ✓</div></div>
Libraries	<div>TokenTransfersLibrary: 0xF90aCbeF0eDDdd6854c96137f416a5b7dD67D904 ✓</div> <div>Errors: 0xB959663e3FAB840C9bfebC6d2d32822D25317292 ✓</div>
Deploy Scripts	<div><a href="#">deploy/core/TraderBalanceVault.deploy.js</a></div> <div><a href="#">tasks/core/TraderBalanceVault/traderBalanceVault.deploy.js</a></div>
Deploy Configs	None



# Treasury Contract

Treasury Contract Information Summary	
Deployed	0x893047ea492659418501e3b5868aBe75468e2EB6
Verified	Yes, by Etherscan ✓
Deployer	0xC110b6e93a51ACF1f3DEd19c754789E7A2304F07 (Deployer) ✓
Proxy	TransparentUpgradeableProxy ✓
Input params (initialize)	_registry: 0x7Efd1965390D1EDb1A6d0d7bdAa5b501d0aEc7bB ✓
Storage	<div><div>_initialized: 1 ✓</div><div>_initializing: false ✓</div><div>__gap: [] ✓</div><div>_paused: false ✓</div><div>__gap: [] ✓</div><div>_status: 1 ✓</div><div>__gap: [] ✓</div><div>__gap: [] ✓</div><div>spenders: {...abbreviated...} ✓</div><div>initialTimestamp: 1702111943 ✓</div><div>registry: 0x7Efd1965390D1EDb1A6d0d7bdAa5b501d0aEc7bB ✓</div></div>
Libraries	None
Deploy Scripts	<div><a href="#">deploy/core/Treasury.deploy.js</a></div> <div><a href="#">tasks/core/Treasury/Treasury.deploy.js</a></div>
Deploy Configs	<div><a href="#">config/ethereum/generalConfig.json</a></div>

The proxy contract's owner is the contract PrimexProxyAdmin (0x4FFa6c545a6249baF2D66ce21CeF3D2C2cCa69D0).



# Treasury Implementation Contract

	Treasury (Implementation) Contract Information Summary
Deployed	0x47DEe6Cdb9d704b074C31C3a6fC644e3527cb5Af
Verified	Yes, by Etherscan ✓
Deployer	0xC110b6e93a51ACF1f3DEd19c754789E7A2304F07 (Deployer) ✓
Proxy	No ✓
Input params (constructor)	None (Disabled) ✓
Storage	<div><div>_initialized: 255 ✓</div><div>_initializing: false ✓</div><div>__gap: [] ✓</div><div>_paused: false ✓</div><div>__gap: [] ✓</div><div>_status: 0 ✓</div><div>__gap: [] ✓</div><div>__gap: [] ✓</div><div>spenders: {} ✓</div><div>initialTimestamp: 0 ✓</div><div>registry: 0x00 ✓</div></div>
Libraries	<div>TokenTransfersLibrary: 0xF90aCbeF0eDDdd6854c96137f416a5b7dD67D904 ✓</div> <div>Errors: 0xB959663e3FAB840C9bfebC6d2d32822D25317292 ✓</div>
Deploy Scripts	<div><a href="#">deploy/core/Treasury.deploy.js</a></div> <div><a href="#">tasks/core/Treasury/Treasury.deploy.js</a></div>
Deploy Configs	<div><a href="#">config/ethereum/generalConfig.json</a></div>



# WhiteBlackList Contract

	WhiteBlackList Contract Information Summary
Deployed	0x63464916388dAB4f2e80551250335490C4518D37
Verified	Yes, by Etherscan ✓
Deployer	0xC110b6e93a51ACF1f3DEd19c754789E7A2304F07 (Deployer) ✓
Proxy	TransparentUpgradeableProxy ✓
Input params (initialize)	_registry: 0x7Efd1965390D1EDb1A6d0d7bdAa5b501d0aEc7bB ✓
Storage	<div><div>_initialized: 1 ✓</div><div>_initializing: false ✓</div><div>__gap: [] ✓</div><div>accessList: {...abbreviated...} ✓</div><div>registry: 0x7Efd1965390D1EDb1A6d0d7bdAa5b501d0aEc7bB ✓</div><div>__gap: [] ✓</div></div>
Libraries	None
Deploy Scripts	<div>deploy/core/WhiteBlackList.deploy.js</div> <div>tasks/core/WhiteBlackList/whiteBlackList.deploy.js</div>
Deploy Configs	None

The proxy contract's owner is the contract PrimexProxyAdmin (0x4FFa6c545a6249baF2D66ce21CeF3D2C2cCa69D0).

Contract addresses on whitelist:

- ActivityRewardDistributor
- BatchManager
- BigTimelockAdmin
- BucketsFactory
- DebtTokensFactory
- Debt-DAI
- Debt-MATIC
- Debt-USDC
- Debt-USDT
- Debt-WBTC
- Debt-WETH
- DexAdapter
- KeeperRewardDistributor



- LimitOrderManager
- LiquidityMiningRewardDistributor
- MediumTimelockAdmin
- PositionManager
- Primex Bucket DAI
- Primex Bucket MATIC
- Primex Bucket USDC
- Primex Bucket USDT
- Primex Bucket WBTC
- Primex Bucket WETH
- PrimexRegistry
- PrimexUpkeep
- PTokensFactory
- P-DAI
- P-MATIC
- P-USDC
- P-USDT
- P-WBTC
- P-WETH
- Reserve
- SmallTimelockAdmin
- SpotTradingRewardDistributor
- SwapManager
- Test Bucket USDC
- Test Debt-USDC
- Test P-USDC
- TraderBalanceVault
- Treasury

Contract addresses on blacklist:

- None

Issues:

1. This contract references a test bucket. Test smart contracts should not be referenced or used on mainnet.

## **Status**

*The issue was acknowledged by Primex's team. The development team stated "Test bucket and its tokens have been removed from whitelist."*



# WhiteBlackList Implementation Contract

	WhiteBlackList (Implementation) Contract Information Summary
Deployed	0xbfF01d7C9F3Edc50556d8f622a65176c2227F2CC
Verified	Yes, by Etherscan ✓
Deployer	0xC110b6e93a51ACF1f3DEd19c754789E7A2304F07 (Deployer) ✓
Proxy	No ✓
Input params (constructor)	None (Disabled) ✓
Storage	<div><div>_initialized: 255 ✓</div><div>_initializing: false ✓</div><div>__gap: [] ✓</div><div>accessList: {} ✓</div><div>registry: 0x00 ✓</div><div>__gap: [] ✓</div></div>
Libraries	Errors: 0xBC1b24A665EF6dfA9B712BFbc4921a90E313f0A6 ✓
Deploy Scripts	<div><a href="#">deploy/core/WhiteBlackList.deploy.js</a></div> <div><a href="#">tasks/core/WhiteBlackList/whiteBlackList.deploy.js</a></div>
Deploy Configs	None