

PUBLIC-SURFACE DEFENSE REVIEW REPORT

Sagitta Protocol

Prepared by Sagitta Continuity Engine (SCE) · May 2, 2026

RISK POSTURE — HIGH RISK

10 high-risk authority surfaces require verification.

REVIEW ID

DR-2a10ffcdf2

DATE ISSUED

May 2, 2026

ASSETS MAPPED

5

STATUS

Draft

ENVIRONMENT

TESTNET

OPEN FINDINGS

29**CONFIDENTIAL — FOR ADDRESSEE ONLY**

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This report covers **29 open findings**, **5 relevant threat families**, and **29 evidence and control checks** across **5 mapped assets**.

01 EXECUTIVE SUMMARY

This report reflects a public-surface review of **Sagitta Protocol** conducted by Sagitta Continuity Engine (SCE). The analysis covers mapped public assets, authority risk findings derived from the Admin Surface Scanner, relevant global threat families, and recommended evidence and control checks. SCE does not control this project, hold keys, or execute on-chain transactions.

RISK POSTURE — HIGH RISK

10 high-risk authority surfaces require verification. These are unverified authority surfaces — not confirmed exploitable vulnerabilities.

ASSETS MAPPED

5

OPEN FINDINGS

29

CRITICAL / HIGH

0 / 10

THREAT FAMILIES

5

CONTROLS

29

VERIFIED

0 / 29

COVERAGE

0%

02 REVIEW SCOPE

This is a zero-custody public-surface review. SCE analyzes only publicly available metadata: contract addresses, deployment chains, admin surface indicators, and documented protocol configurations. No private keys, signing credentials, mnemonics, or seed phrases are requested or stored at any point.

Public-surface describes the data reviewed; Confidential describes distribution of this report.

NOT AN AUDIT

This Defense Review is not a full smart contract audit, formal verification report, penetration test, or economic exploit review. It is a zero-custody authority-surface and continuity-readiness review based on public metadata and submitted evidence.

Website: <https://protocol.sagitta.systems/>; Protocol Address Matrix import — moonbase / testnet

MAPPED CONTRACTS / PROXIES

CONTRACT

Vault (Sagitta Protocol)

0x30d987D24608E6D8A9A573c8B1290e2a0791356A
moonbase / testnet
Admin/Owner: Unknown

CONTRACT

Escrow (Sagitta Protocol)

0x6908b357995cFeD1008616E65Dbe428Cbd9dFA51
moonbase / testnet
Admin/Owner: Unknown

OTHER MAPPED ASSETS

TREASURY

Treasury (Sagitta Protocol)

0xa4F62F8E07c85668678FDd48C2Fd982343b13687

moonbase / testnet

Admin/Owner: Unknown · Role: treasury

TREASURY**Reserve (Sagitta Protocol)**

0xaf0E91C2fB084A50e2e8F207EE11468EA982a820

moonbase / testnet

Admin/Owner: Unknown · Role: reserve

ORACLE**Goldoracle (Sagitta Protocol)**

0x8A2F00Ba2E27b34d834Be83041D09632B0627056

moonbase / testnet

Admin/Owner: Unknown · Role: goldoracle

03 SEVERITY METHODOLOGY

Severity in this report reflects potential impact to protocol continuity, fund safety, and operational control — not confirmed exploitation. Findings represent authority surfaces requiring verification; severity may be revised once evidence is provided and verified.

CRITICAL

Direct fund movement, settlement, or custody authority with no timelock or multisig protection. Immediate risk to assets or protocol operation.

HIGH

Significant authority surface — upgrade control, oracle authority, or admin role concentration — where verification evidence is absent or incomplete. Blast radius is large; unverified control paths.

MEDIUM

Authority surface with limited or indirect fund impact, or where partial mitigations exist. Verification is recommended to confirm continuity posture.

LOW

Informational or structural finding. Low direct risk but relevant to continuity planning, role documentation, and future audits.

High-severity findings in this report represent unverified authority surfaces — not confirmed vulnerabilities. Many findings reflect missing evidence rather than confirmed risk. Likelihood and verification confidence are factored into severity.

04 AUTHORITY RISK FINDINGS

HIGH-RISK AUTHORITY SURFACES REQUIRING VERIFICATION (10)

HIGH

TREASURY MOVEMENT AUTHORITY

Treasury movement authority surface — Treasury (Sagitta Protocol)

This asset is classified as a treasury role. Authority over fund movements should be documented and verified.

CURRENT EVIDENCE STATUS

- Source: Submitted project metadata + scanner analysis
- Contract address: 0xa4F62F8E07c85668678FDd48C2Fd982343b13687
- Admin/Owner: Not detected
- Role: treasury

EVIDENCE REQUIRED

- authorized signer list
- approval threshold
- multisig or timelock address
- treasury policy document

RECOMMENDED REMEDIATION

Verify treasury movement authorization path and document who can initiate and approve fund movements.

HIGH

TREASURY ROLE CONCENTRATION

Treasury role concentration risk — Treasury (Sagitta Protocol)

If a single authority controls treasury movement, allocation, and emergency powers, this is a role concentration risk requiring verification.

CURRENT EVIDENCE STATUS

- Source: Submitted project metadata + scanner analysis
- Contract address: 0xa4F62F8E07c85668678FDd48C2Fd982343b13687
- Admin/Owner: Not detected
- Role: treasury

EVIDENCE REQUIRED

- role matrix
- signer or authority list
- role separation evidence

RECOMMENDED REMEDIATION

Verify role separation across treasury movement, allocation, and emergency functions.

HIGH

VAULT DEPOSIT/WITHDRAWAL AUTHORITY

Vault deposit/withdrawal authority surface — Vault (Sagitta Protocol)

This vault role asset controls deposit and withdrawal operations. Authority over these paths requires documented verification.

CURRENT EVIDENCE STATUS

- Source: Submitted project metadata + scanner analysis
- Contract address: 0x30d987D24608E6D8A9A573c8B1290e2a0791356A
- Admin/Owner: Not detected
- Role: vault

EVIDENCE REQUIRED

- deposit/withdrawal authority address or policy
- approval threshold
- multisig or timelock config

RECOMMENDED REMEDIATION

Document vault deposit/withdrawal authority path and verify multisig/timelock protection.

HIGH **ESCROW SETTLEMENT AUTHORITY** Escrow settlement authority surface — Escrow (Sagitta Protocol)

This escrow role asset controls final settlement of funds. Authority to settle requires documentation and verification.

CURRENT EVIDENCE STATUS

- Source: Submitted project metadata + scanner analysis
- Contract address: 0x6908b357995cFeD1008616E65Dbe428Cbd9dFA51
- Admin/Owner: Not detected
- Role: escrow

EVIDENCE REQUIRED

- settlement authority address or policy
- approval threshold
- dispute resolution path

RECOMMENDED REMEDIATION

Document escrow settlement authority path and verify multisig/timelock protection.

HIGH **ESCROW FUND ROUTING** Escrow fund routing authority — Escrow (Sagitta Protocol)

Authority to route escrow funds to destination addresses requires documented destination whitelists and verified approval paths.

CURRENT EVIDENCE STATUS

- Source: Submitted project metadata + scanner analysis
- Contract address: 0x6908b357995cFeD1008616E65Dbe428Cbd9dFA51
- Admin/Owner: Not detected
- Role: escrow

EVIDENCE REQUIRED

- routing authority address or policy
- destination whitelist
- approval threshold

RECOMMENDED REMEDIATION

Document fund routing authority for escrow; verify destination whitelists and approval paths.

HIGH **ESCROW ROLE CONCENTRATION** Escrow role concentration risk — Escrow (Sagitta Protocol)

If settlement, routing, and batch authority are concentrated in a single role, this is a concentration risk. Role separation should be verified.

CURRENT EVIDENCE STATUS

- Source: Submitted project metadata + scanner analysis
- Contract address: 0x6908b357995cFeD1008616E65Dbe428Cbd9dFA51
- Admin/Owner: Not detected
- Role: escrow

EVIDENCE REQUIRED

- role matrix
- signer or authority list
- role separation evidence

RECOMMENDED REMEDIATION

Verify role separation across escrow settlement, routing, and batch finalization functions.

HIGH

RESERVE CUSTODY AUTHORITY

Reserve asset custody/configuration authority — Reserve (Sagitta Protocol)

This reserve role asset controls reserve asset custody and configuration. Authority requires documentation and verification.

CURRENT EVIDENCE STATUS

- Source: Submitted project metadata + scanner analysis
- Contract address: 0xaf0E91C2fB084A50e2e8F207EE11468EA982a820
- Admin/Owner: Not detected
- Role: reserve

EVIDENCE REQUIRED

- custody authority address or policy
- asset config authority
- approval threshold

RECOMMENDED REMEDIATION

Document reserve asset custody and configuration authority path; verify multisig/timelock protection.

HIGH

RESERVE ROLE CONCENTRATION

Reserve role concentration risk — Reserve (Sagitta Protocol)

Concentrated authority over reserve custody, rebalancing, and insurance parameters is a concentration risk. Role separation should be verified.

CURRENT EVIDENCE STATUS

- Source: Submitted project metadata + scanner analysis
- Contract address: 0xaf0E91C2fB084A50e2e8F207EE11468EA982a820
- Admin/Owner: Not detected
- Role: reserve

EVIDENCE REQUIRED

- role matrix
- signer or authority list
- role separation evidence

RECOMMENDED REMEDIATION

Verify role separation across reserve custody, rebalancing, and insurance parameter functions.

HIGH

ORACLE PRICE FEED AUTHORITY

Oracle price feed source authority — Goldoracle (Sagitta Protocol)

This oracle role asset provides price data. Authority over the price feed source requires documentation and verification.

CURRENT EVIDENCE STATUS

- Source: Submitted project metadata + scanner analysis
- Contract address: 0x8A2F00Ba2E27b34d834Be83041D09632B0627056
- Admin/Owner: Not detected
- Role: oracle

EVIDENCE REQUIRED

- price feed source address or config
- update authority
- oracle policy document

RECOMMENDED REMEDIATION

Document oracle price feed source authority; verify update controls and source independence.

HIGH **ORACLE MANIPULATION RISK** Oracle manipulation continuity risk — Goldoracle (Sagitta Protocol)

Oracle role assets require documented resilience to manipulation, including TWAP, deviation limits, and circuit breakers. This surface represents a continuity risk if not addressed.

CURRENT EVIDENCE STATUS

- Source: Submitted project metadata + scanner analysis
- Contract address: 0x8A2F00Ba2E27b34d834Be83041D09632B0627056
- Admin/Owner: Not detected
- Role: oracle

EVIDENCE REQUIRED

- TWAP window or deviation limit config
- circuit breaker config
- incident response plan

RECOMMENDED REMEDIATION

Verify oracle manipulation resilience; document TWAP window, deviation limits, and circuit breaker configuration.

MEDIUM (19)**MEDIUM** **UNKNOWN ADMIN** Unknown admin authority for Treasury (Sagitta Protocol)

Critical asset metadata does not identify the admin or owner control path.

CURRENT EVIDENCE STATUS

- Source: Submitted project metadata + scanner analysis
- Contract address: Not provided
- Admin/Owner: Not detected
- Add the owner or admin address and control model for this asset.
- Clarify whether the asset is governed by EOA, multisig, or timelock control.

MEDIUM **TREASURY ALLOCATION AUTHORITY** Treasury allocation authority surface — Treasury (Sagitta Protocol)

This treasury role asset controls fund allocation. Authority over allocation decisions requires documented approval paths.

CURRENT EVIDENCE STATUS

- Source: Submitted project metadata + scanner analysis
- Contract address: 0xa4F62F8E07c85668678FDd48C2Fd982343b13687
- Admin/Owner: Not detected
- Role: treasury

EVIDENCE REQUIRED

- allocation policy
- approver roles
- governance or multisig config

RECOMMENDED REMEDIATION

Document authority path for treasury allocation decisions and verify approver independence.

MEDIUM

TREASURY EMERGENCY FREEZE

Treasury emergency freeze/pause authority — Treasury (Sagitta Protocol)

Treasury role assets require a documented emergency freeze or pause authority to respond to threats. This surface should be inventoried.

CURRENT EVIDENCE STATUS

- Source: Submitted project metadata + scanner analysis
- Contract address: 0xa4F62F8E07c85668678FDd48C2Fd982343b13687
- Admin/Owner: Not detected
- Role: treasury

EVIDENCE REQUIRED

- pause or freeze authority address or policy
- emergency response procedure
- escalation path

RECOMMENDED REMEDIATION

Document emergency pause process for treasury; confirm who can freeze funds and under what conditions.

MEDIUM

TREASURY TIMELOCK REQUIRED

Treasury timelock/multisig evidence required — Treasury (Sagitta Protocol)

Treasury role assets should have timelock or multisig protection on fund movement paths. Evidence of this protection should be documented.

CURRENT EVIDENCE STATUS

- Source: Submitted project metadata + scanner analysis
- Contract address: 0xa4F62F8E07c85668678FDd48C2Fd982343b13687
- Admin/Owner: Not detected
- Role: treasury

EVIDENCE REQUIRED

- timelock address and delay
- multisig config
- governance proposal or tx

RECOMMENDED REMEDIATION

Verify multisig/timelock ownership for treasury authority; document delay windows.

MEDIUM

UNKNOWN ADMIN

Unknown admin authority for Vault (Sagitta Protocol)

Critical asset metadata does not identify the admin or owner control path.

CURRENT EVIDENCE STATUS

- Source: Submitted project metadata + scanner analysis
- Contract address: Not provided
- Admin/Owner: Not detected
- Add the owner or admin address and control model for this asset.
- Clarify whether the asset is governed by EOA, multisig, or timelock control.

MEDIUM

VAULT LOCK PARAMETER AUTHORITY

Vault lock/unlock parameter authority — Vault (Sagitta Protocol)

Authority to modify vault lock or unlock parameters can affect user fund accessibility and requires documented governance or admin path.

CURRENT EVIDENCE STATUS

- Source: Submitted project metadata + scanner analysis
- Contract address: 0x30d987D24608E6D8A9A573c8B1290e2a0791356A
- Admin/Owner: Not detected
- Role: vault

EVIDENCE REQUIRED

- parameter change authority address
- governance policy
- timelock config

RECOMMENDED REMEDIATION

Document authority path for vault lock/unlock parameter changes.

MEDIUM

VAULT PAUSE AUTHORITY

Vault pause authority surface — Vault (Sagitta Protocol)

This vault role asset has a pause surface that should be documented and access-controlled with a defined emergency procedure.

CURRENT EVIDENCE STATUS

- Source: Submitted project metadata + scanner analysis
- Contract address: 0x30d987D24608E6D8A9A573c8B1290e2a0791356A
- Admin/Owner: Not detected
- Role: vault

EVIDENCE REQUIRED

- pause authority address or policy
- emergency procedure
- unpaused governance path

RECOMMENDED REMEDIATION

Document emergency pause process for vault; verify who can pause and under what conditions.

MEDIUM

VAULT UPGRADE AUTHORITY

Vault upgrade authority surface — Vault (Sagitta Protocol)

Vault contracts with upgrade authority should have governed upgrade paths with timelock protection. This surface requires documentation.

CURRENT EVIDENCE STATUS

- Source: Submitted project metadata + scanner analysis
- Contract address: 0x30d987D24608E6D8A9A573c8B1290e2a0791356A
- Admin/Owner: Not detected
- Role: vault

EVIDENCE REQUIRED

- proxy admin address
- multisig config
- upgrade policy

RECOMMENDED REMEDIATION

Document upgrade authority path for vault; require timelock and multisig protection.

MEDIUM

VAULT TIMELOCK REQUIRED

Vault timelock/multisig evidence required — Vault (Sagitta Protocol)

Vault operations with high authority surfaces should have timelock or multisig verification. Evidence of this protection should be documented.

CURRENT EVIDENCE STATUS

- Source: Submitted project metadata + scanner analysis
- Contract address: 0x30d987D24608E6D8A9A573c8B1290e2a0791356A
- Admin/Owner: Not detected
- Role: vault

EVIDENCE REQUIRED

- timelock address and delay
- multisig config
- governance proposal or tx

RECOMMENDED REMEDIATION

Verify multisig/timelock ownership for vault authority; document delay windows.

MEDIUM

UNKNOWN ADMIN

Unknown admin authority for Escrow (Sagitta Protocol)

Critical asset metadata does not identify the admin or owner control path.

CURRENT EVIDENCE STATUS

- Source: Submitted project metadata + scanner analysis
- Contract address: Not provided
- Admin/Owner: Not detected
- Add the owner or admin address and control model for this asset.
- Clarify whether the asset is governed by EOA, multisig, or timelock control.

MEDIUM

ESCROW BATCH FINALIZATION

Escrow batch finalization authority — Escrow (Sagitta Protocol)

Batch finalization authority can settle multiple escrow positions simultaneously, increasing blast radius. Approval requirements should be documented.

CURRENT EVIDENCE STATUS

- Source: Submitted project metadata + scanner analysis
- Contract address: 0x6908b357995cFeD1008616E65Dbe428Cbd9dFA51
- Admin/Owner: Not detected
- Role: escrow

EVIDENCE REQUIRED

- batch authority address or policy
- approval requirements
- batch size limits

RECOMMENDED REMEDIATION

Document batch finalization authority; verify batch size limits and approval thresholds.

MEDIUM **ESCROW KEEPER DEPENDENCY** **Escrow keeper dependency — Escrow (Sagitta Protocol)**

This escrow relies on a keeper or automated executor. Keeper failure or compromise is a continuity risk requiring a documented fallback.

CURRENT EVIDENCE STATUS

- Source: Submitted project metadata + scanner analysis
- Contract address: 0x6908b357995cFeD1008616E65Dbe428Cbd9dFA51
- Admin/Owner: Not detected
- Role: escrow

EVIDENCE REQUIRED

- keeper address or identity
- fallback or retry policy
- failure escalation path

RECOMMENDED REMEDIATION

Document keeper failure and retry process for escrow; verify fallback authority.

MEDIUM **UNKNOWN ADMIN** **Unknown admin authority for Reserve (Sagitta Protocol)**

Critical asset metadata does not identify the admin or owner control path.

CURRENT EVIDENCE STATUS

- Source: Submitted project metadata + scanner analysis
- Contract address: Not provided
- Admin/Owner: Not detected
- Add the owner or admin address and control model for this asset.
- Clarify whether the asset is governed by EOA, multisig, or timelock control.

MEDIUM **RESERVE REBALANCE AUTHORITY** **Reserve rebalance authority — Reserve (Sagitta Protocol)**

Authority to rebalance reserve assets can affect protocol solvency. Approval requirements and rebalance limits should be documented.

CURRENT EVIDENCE STATUS

- Source: Submitted project metadata + scanner analysis
- Contract address: 0xaf0E91C2fB084A50e2e8F207EE11468EA982a820
- Admin/Owner: Not detected
- Role: reserve

EVIDENCE REQUIRED

- rebalance authority address or policy
- rebalance policy document
- approval threshold

RECOMMENDED REMEDIATION

Document reserve rebalance authority; verify approval requirements and rebalance limits.

MEDIUM

RESERVE INSURANCE PARAMETER

Reserve insurance/backstop parameter authority — Reserve (Sagitta Protocol)

Authority to modify insurance or backstop parameters can affect protocol safety margins. Governance controls should be documented.

CURRENT EVIDENCE STATUS

- Source: Submitted project metadata + scanner analysis
- Contract address: 0xaf0E91C2fB084A50e2e8F207EE11468EA982a820
- Admin/Owner: Not detected
- Role: reserve

EVIDENCE REQUIRED

- insurance parameter authority
- policy document
- governance path

RECOMMENDED REMEDIATION

Document insurance/backstop parameter authority for reserve; verify governance controls.

MEDIUM

UNKNOWN ADMIN

Unknown admin authority for Goldoracle (Sagitta Protocol)

Critical asset metadata does not identify the admin or owner control path.

CURRENT EVIDENCE STATUS

- Source: Submitted project metadata + scanner analysis
- Contract address: Not provided
- Admin/Owner: Not detected
- Add the owner or admin address and control model for this asset.
- Clarify whether the asset is governed by EOA, multisig, or timelock control.

MEDIUM

ORACLE STALE PRICE RISK

Oracle stale price handling — Goldoracle (Sagitta Protocol)

Stale price handling policy determines how the protocol responds to oracle feed unavailability. Heartbeat thresholds and fallback behavior should be documented.

CURRENT EVIDENCE STATUS

- Source: Submitted project metadata + scanner analysis
- Contract address: 0x8A2F00Ba2E27b34d834Be83041D09632B0627056
- Admin/Owner: Not detected
- Role: oracle

EVIDENCE REQUIRED

- stale price threshold config
- fallback behavior policy
- heartbeat or deviation thresholds

RECOMMENDED REMEDIATION

Verify oracle stale-price policy; document heartbeat thresholds and fallback behavior.

MEDIUM

ORACLE FALLBACK AUTHORITY

Oracle fallback authority — Goldoracle (Sagitta Protocol)

Fallback oracle authority determines what price data is used when the primary feed is unavailable. Circuit breaker configuration and trigger conditions should be documented.

CURRENT EVIDENCE STATUS

- Source: Submitted project metadata + scanner analysis
- Contract address: 0x8A2F00Ba2E27b34d834Be83041D09632B0627056
- Admin/Owner: Not detected
- Role: oracle

EVIDENCE REQUIRED

- fallback oracle address or config
- circuit breaker config
- fallback trigger conditions

RECOMMENDED REMEDIATION

Verify oracle fallback/stale-price policy; document fallback oracle authority.

MEDIUM

ORACLE UPDATE AUTHORITY

Oracle update/configuration authority — Goldoracle (Sagitta Protocol)

Authority to update or reconfigure oracle parameters can affect all price-dependent functions. Governance path and timelock protection should be documented.

CURRENT EVIDENCE STATUS

- Source: Submitted project metadata + scanner analysis
- Contract address: 0x8A2F00Ba2E27b34d834Be83041D09632B0627056
- Admin/Owner: Not detected
- Role: oracle

EVIDENCE REQUIRED

- update authority address or policy
- parameter change governance path
- timelock config

RECOMMENDED REMEDIATION

Document oracle configuration authority; verify timelock and multisig protection.

05 RELEVANT THREAT FAMILIES

Admin Key / Access Control

Project relevance 100

Sagitta Protocol has 23 authority finding(s) that can make privileged access a continuity risk.

Global cases: **64** Critical (global): **64** Replay validated: **64**

- Freeze treasury-controlled liquidity movements and revoke suspect admin permissions
- Rotate all compromised admin keys immediately
- Enforce role separation across admin, operator, and emergency roles

Oracle / Price Feed

Project relevance 100

Sagitta Protocol includes oracle surfaces where stale or manipulated prices can affect protocol safety.

Global coverage: **Pending** Critical (global): **0** Replay validated: **0**

Global case coverage pending — relevance is based on project authority surface match, not global case history.

Treasury / Accounting

Project relevance 100

Sagitta Protocol includes treasury movement authority, so global treasury-control incidents are directly relevant.

Global coverage: **Pending** Critical (global): **0** Replay validated: **0**

Global case coverage pending — relevance is based on project authority surface match, not global case history.

Governance / Quorum / Timelock

Project relevance 39

Sagitta Protocol has governance or timelock signals that affect response windows for upgrades and emergency action.

Global cases: **7** Critical (global): **5** Replay validated: **7**

- Revoke compromised governance keys or multisig signers
- Review and extend timelock durations for critical operations
- Activate emergency quorum policy for critical decisions

Keeper / Liveness

Project relevance 16

Sagitta Protocol includes keeper or liveness surfaces where automation failure can interrupt operations.

Global coverage: **Pending** Critical (global): **0** Replay validated: **0**

Global case coverage pending — relevance is based on project authority surface match, not global case history.

06 RECOMMENDED CONTROLS

MISSING (29)

MISSING Document escrow fund routing authority

Escrow fund routing authority requires documented destination whitelists and approval paths.

MISSING Document escrow settlement authority path

Escrow settlement authority requires a documented path with approval thresholds and dispute resolution.

MISSING Document oracle price feed source authority

Oracle price feed source authority requires documented update controls and source independence verification.

MISSING Document reserve asset custody and configuration authority

Reserve asset custody and configuration authority requires a documented path with multisig or timelock protection.

MISSING Document vault deposit/withdrawal authority path

Vault deposit and withdrawal authority requires a documented path with multisig or timelock protection.

MISSING Verify oracle manipulation resilience

Oracle role assets require documented TWAP window, deviation limits, and circuit breaker configuration.

MISSING Verify role separation across escrow authority surfaces

Escrow settlement, routing, and batch authority should be distributed across independent roles.

MISSING Verify role separation across reserve authority surfaces

Reserve custody, rebalancing, and insurance parameter authority should be distributed across independent roles.

MISSING Verify role separation across treasury authority surfaces

Treasury movement, allocation, and emergency powers should be distributed across independent roles.

MISSING Verify treasury movement authorization path

Treasury movement authority requires a documented and verified authorization path with multisig or timelock protection.

MISSING Document escrow batch finalization authority

Batch finalization authority requires documented approval requirements and batch size limits.

MISSING Document keeper failure and retry process for escrow

Escrow keeper dependency requires a documented failure escalation path and fallback authority.

MISSING Document oracle update/configuration authority

Oracle configuration authority requires documented governance path with timelock and multisig protection.

MISSING Document reserve insurance/backstop parameter authority

Authority to modify insurance or backstop parameters requires documented governance controls.

MISSING Document reserve rebalance authority

Reserve rebalance authority requires documented approval requirements and rebalance limits.

MISSING Document treasury allocation authority path

Treasury allocation decisions require documented approver roles and governance path.

MISSING Document treasury emergency pause process

Treasury role assets require a documented emergency freeze or pause procedure with a named escalation path.

MISSING Document vault emergency pause process

Vault pause authority requires a documented emergency procedure with named pause authority and unpause governance path.

MISSING Document vault lock/unlock parameter authority

Authority to modify vault lock or unlock parameters requires documented governance or admin path.

MISSING Document vault upgrade authority path

Vault upgrade authority requires a governed upgrade path with timelock and multisig protection.

MISSING Identify and document treasury admin/owner authorities

Unknown admin or owner authority should be inventoried before the project can claim closure on authority risk.

MISSING Identify and document vault admin/owner authorities

Unknown admin or owner authority should be inventoried before the project can claim closure on authority risk.

MISSING Identify and document escrow admin/owner authorities

Unknown admin or owner authority should be inventoried before the project can claim closure on authority risk.

MISSING Identify and document reserve admin/owner authorities

Unknown admin or owner authority should be inventoried before the project can claim closure on authority risk.

MISSING Identify and document goldoracle admin/owner authorities

Unknown admin or owner authority should be inventoried before the project can claim closure on authority risk.

MISSING Verify multisig or timelock ownership for treasury authority

Treasury fund movement paths should have timelock or multisig protection with documented delay windows.

MISSING Verify multisig or timelock ownership for vault authority

Vault authority surfaces with high blast radius should have timelock or multisig verification.

MISSING Verify oracle fallback/stale-price policy

Fallback oracle authority requires documented circuit breaker configuration and trigger conditions.

MISSING Verify oracle stale-price policy

Oracle stale price handling requires documented heartbeat thresholds and fallback behavior.

07 VERIFICATION STATUS

CONTROLS TOTAL

29

VERIFIED

0

COVERAGE

0%

COVERAGE INCOMPLETE

0 of 29 evidence and control checks verified (0% coverage). "Defended" status applies only when all checks are verified against current project metadata and evidence.

08 NEXT ACTIONS

- 1 Submit or confirm the mapped asset inventory — verify all contracts, proxies, oracles, and keepers are represented in the Project Map.
- 2 Provide admin/owner/multisig/timelock evidence for each mapped asset authority surface.
- 3 Verify authority paths for: treasury, vault, escrow, reserve, oracle.
- 4 Document role separation and emergency procedures for each authority surface.
- 5 Attach or link policy evidence for 29 evidence and control checks currently marked as Missing.
- 6 Distribute concentrated admin roles across separate key holders or governance contracts.
- 7 Re-run SCE Admin Surface Scan after submitting evidence to refresh findings and authority path verification.
- 8 Generate updated report with verified-control coverage. Current status: 0 of 29 evidence and control checks verified.

