

COMPLIANCE WORKING RECORD

Post-quantum migration workpaper

Fictional sample. Requires tailoring and responsible review.

Document control

Field	Value
Document type	Post-quantum migration workpaper
Document reference	FICTIONAL-DECISION-OPERATIONS-1
Jurisdiction	Customer-approved US scope
Version	1
Status	Named decision operations prepared
Prepared by	Fictional responsible task reviewer
Prepared on	2026-10-09T18:00:00Z
Rule pack	2026-10-09.decision-operations.1
Generated	October 9, 2026

Purpose and boundary

Map actual cryptographic dependencies and assemble approved migration priorities, blockers, target standards and transition tests.

Join algorithm/key/protocol/library/owner and protected-data lifetime to exact dependencies and customer-approved target standards and priority weights. Calculate exact approved priority scores. Detect dependency cycles, missing supplier support, contradictory target versions, missing interoperability/rollback tests and dependent transition dates. Produce a dependency-ordered migration roadmap. Quantum arrival, algorithm safety and mandatory transition dates are not predicted.

This browser preparation uses original customer evidence and explicitly approved instruments, criteria, calendars and decisions. It does not make legal applicability decisions, authenticate delivery, perform an independent bias audit, scan a network or prove security effectiveness. No remote AI or provider is called. Exact originals remain in this browser unless explicitly saved through paid private cloud saving.

Approved scope and decision operations method

Fictional exercise only. Exact selected original source facts, customer-approved rules, assumptions and accountable named outputs. Replace every fictional fact before use.

Scope approval. FICTIONAL-SCOPE-1

Approved method. Fictional approved decision operations method 1. Source. f1. Locator. /methodVersion. Approver. Fictional authorized method approver. Approval date. 2026-01-02T12:00:00Z

Population statement. Declared complete population. Customer-declared system count. 1

Post-quantum transition roadmap scope inputs

The first 20 exact task rows appear here. Displayed values are bounded to 1000 characters. Complete typed rows and exact values remain in Excel and JSON.

ID	Facts
1	System Id. SYSTEM-1 Name. Fictional Northfield quantum system Version. 1 Owner. Fictional accountable system owner Jurisdiction. Customer-approved US scope Instrument. Fictional approved instrument selection Operative instrument version. Fictional approved task instrument 1 Instrument Source Id. f1 Instrument Locator. /instrumentVersion Effective From. 2026-01-01 Effective Through. Scope Basis. Fictional explicit approved selected system and role preparation. No automatic legal applicability. Approved By. Fictional authorized scope approver Approved At. 2026-01-02T12:00:00Z Population Mode. Declared complete population Declared named output count. 2 Original source file ID. f2 Original JSON record pointer. /systems/0 Original source binding. Exact JSON record Supporting evidence IDs. ["PROOF-systems-SYSTEM-1"]

Crypto Assets

The first 20 exact task rows appear here. Displayed values are bounded to 1000 characters. Complete typed rows and exact values remain in Excel and JSON.

ID	Facts
1	Asset Id. ASSET-1 System Id. SYSTEM-1 Name. Fictional TLS library Version. 1 Owner. Fictional cryptographic asset owner Algorithm. Fictional reported current algorithm Key Size. 2048 Protocol. Fictional supplied protocol 1 Library Version. Fictional exact library 1 Data Lifetime Years. 5 Migration Years. 2 Customer-approved horizon assumption in years. 10 Exposure. 3 Criticality. 4 Rule Id. RULE-1 Target Algorithm. Fictional customer-approved target Target Version. 1 Supplier State. Ready Planned On. 2027-01-01 State. Planned Original source file ID. f2 Original JSON record pointer. /cryptoAssets/0 Original source binding. Exact JSON record Supporting evidence IDs. ["PROOF-cryptoAssets-ASSET-1"]

ID	Facts
2	Asset Id. ASSET-2 System Id. SYSTEM-1 Name. Fictional client application Version. 1 Owner. Fictional cryptographic asset owner Algorithm. Fictional reported current algorithm Key Size. 2048 Protocol. Fictional supplied protocol 1 Library Version. Fictional exact library 1 Data Lifetime Years. 5 Migration Years. 2 Customer-approved horizon assumption in years. 10 Exposure. 3 Criticality. 4 Rule Id. RULE-1 Target Algorithm. Fictional customer-approved target Target Version. 1 Supplier State. Ready Planned On. 2027-02-01 State. Planned Original source file ID. f2 Original JSON record pointer. /cryptoAssets/1 Original source binding. Exact JSON record Supporting evidence IDs. ["PROOF-cryptoAssets-ASSET-2"]

Migration Rules

The first 20 exact task rows appear here. Displayed values are bounded to 1000 characters. Complete typed rows and exact values remain in Excel and JSON.

ID	Facts
1	Rule Id. RULE-1 System Id. SYSTEM-1 Name. Fictional approved priority method Version. 1 Criticality Weight. 2 Exposure Weight. 3 Lifetime Weight. 1 Target Algorithms. ["Fictional customer-approved target"] Approved By. Fictional reported Approved By Approved At. 2026-10-08T12:00:00Z Original source file ID. f2 Original JSON record pointer. /migrationRules/0 Original source binding. Exact JSON record Supporting evidence IDs. ["PROOF-migrationRules-RULE-1"]

Crypto Dependencies

The first 20 exact task rows appear here. Displayed values are bounded to 1000 characters. Complete typed rows and exact values remain in Excel and JSON.

ID	Facts
1	Dependency Id. DEP-1 System Id. SYSTEM-1 Asset Id. ASSET-2 Requires Asset Id. ASSET-1 Version. 1 Reason. Fictional client uses the exact TLS library. Original source file ID. f2 Original JSON record pointer. /cryptoDependencies/0 Original source binding. Exact JSON record Supporting evidence IDs. ["PROOF-cryptoDependencies-DEP-1"]

Migration Tests

The first 20 exact task rows appear here. Displayed values are bounded to 1000 characters. Complete typed rows and exact values remain in Excel and JSON.

Evidence

The first 20 exact task rows appear here. Displayed values are bounded to 1000 characters. Complete typed rows and exact values remain in Excel and JSON.

ID	Facts
1	Evidence Id. PROOF-systems-SYSTEM-1 System Id. SYSTEM-1 Record Type. systems Record Id. SYSTEM-1 File Id. f2 Source Sha256. b9edb76dc9c06ff1e0b2bd44f48796cb7488759770c9d0ebf2f6772f9a9a8fbf Locator. /systems/0 Conclusion. Supports Reviewer. Fictional exact original-source reviewer Reviewed At. 2026-10-09T18:00:00Z Evidence Type. Original reviewed case evidence
2	Evidence Id. PROOF-cryptoAssets-ASSET-1 System Id. SYSTEM-1 Record Type. cryptoAssets Record Id. ASSET-1 File Id. f2 Source Sha256. b9edb76dc9c06ff1e0b2bd44f48796cb7488759770c9d0ebf2f6772f9a9a8fbf Locator. /cryptoAssets/0 Conclusion. Supports Reviewer. Fictional exact original-source reviewer Reviewed At. 2026-10-09T18:00:00Z Evidence Type. Original reviewed case evidence
3	Evidence Id. PROOF-cryptoAssets-ASSET-2 System Id. SYSTEM-1 Record Type. cryptoAssets Record Id. ASSET-2 File Id. f2 Source Sha256. b9edb76dc9c06ff1e0b2bd44f48796cb7488759770c9d0ebf2f6772f9a9a8fbf Locator. /cryptoAssets/1 Conclusion. Supports Reviewer. Fictional exact original-source reviewer Reviewed At. 2026-10-09T18:00:00Z Evidence Type. Original reviewed case evidence
4	Evidence Id. PROOF-migrationRules-RULE-1 System Id. SYSTEM-1 Record Type. migrationRules Record Id. RULE-1 File Id. f2 Source Sha256. b9edb76dc9c06ff1e0b2bd44f48796cb7488759770c9d0ebf2f6772f9a9a8fbf Locator. /migrationRules/0 Conclusion. Supports Reviewer. Fictional exact original-source reviewer Reviewed At. 2026-10-09T18:00:00Z Evidence Type. Original reviewed case evidence
5	Evidence Id. PROOF-cryptoDependencies-DEP-1 System Id. SYSTEM-1 Record Type. cryptoDependencies Record Id. DEP-1 File Id. f2 Source Sha256. b9edb76dc9c06ff1e0b2bd44f48796cb7488759770c9d0ebf2f6772f9a9a8fbf Locator. /cryptoDependencies/0 Conclusion. Supports Reviewer. Fictional exact original-source reviewer Reviewed At. 2026-10-09T18:00:00Z Evidence Type. Original reviewed case evidence

Actions

The first 20 exact task rows appear here. Displayed values are bounded to 1000 characters. Complete typed rows and exact values remain in Excel and JSON.

Post-quantum transition roadmap

The first 20 prepared output rows appear here. Complete rows remain in Excel and JSON.

ID	Result
ASSET-1	Item. ASSET-1 System ID. SYSTEM-1 Dependency order. 1 Asset. Fictional TLS library Current algorithm. Fictional reported current algorithm Target. Fictional customer-approved target 1 Exact approved priority. 22 / 1 Priority. 22 Planned transition. 2027-01-01 Prerequisites. Supplier. Ready Result. Prepared for review

ID	Result
ASSET-2	Item. ASSET-2 System ID. SYSTEM-1 Dependency order. 2 Asset. Fictional client application Current algorithm. Fictional reported current algorithm Target. Fictional customer-approved target 1 Exact approved priority. 22 / 1 Priority. 22 Planned transition. 2027-02-01 Prerequisites. ASSET-1 Supplier. Ready Result. Prepared for review

Named decision operations draft sections

The first 20 prepared output rows appear here. Complete rows remain in Excel and JSON.

ID	Result
ASSET-1	<p>Item. ASSET-1 System ID. SYSTEM-1 Title. Post-quantum asset transition Decision. Prepared for review Draft text. Exact asset/version. Fictional TLS library / 1</p> <p>Current cryptography. Fictional reported current algorithm. Key size. 2048. Protocol/library. Fictional supplied protocol 1 / Fictional exact library 1</p> <p>Approved target. Fictional customer-approved target / 1</p> <p>Prerequisites.</p> <p>Owner. Fictional cryptographic asset owner. Planned transition. 2027-01-01</p> <p>Exact approved score. 22 / 1</p> <p>Tests.</p> <p>This browser preparation uses original customer evidence and explicitly approved instruments, criteria, calendars and decisions. It does not make legal applicability decisions, authenticate delivery, perform an independent bias audit, scan a network or prove security effectiveness. No remote AI or provider is called. Exact originals remain in this browser unless explicitly saved through paid private cloud saving.</p>
ASSET-2	<p>Item. ASSET-2 System ID. SYSTEM-1 Title. Post-quantum asset transition Decision. Prepared for review Draft text. Exact asset/version. Fictional client application / 1</p> <p>Current cryptography. Fictional reported current algorithm. Key size. 2048. Protocol/library. Fictional supplied protocol 1 / Fictional exact library 1</p> <p>Approved target. Fictional customer-approved target / 1</p> <p>Prerequisites. ASSET-1 1</p> <p>Owner. Fictional cryptographic asset owner. Planned transition. 2027-02-01</p> <p>Exact approved score. 22 / 1</p> <p>Tests.</p> <p>This browser preparation uses original customer evidence and explicitly approved instruments, criteria, calendars and decisions. It does not make legal applicability decisions, authenticate delivery, perform an independent bias audit, scan a network or prove security effectiveness. No remote AI or provider is called. Exact originals remain in this browser unless explicitly saved through paid private cloud saving.</p>

Accountable decision operations actions

The first 20 prepared output rows appear here. Complete rows remain in Excel and JSON.

Decision operations draft. ASSET-1. Prepared for review

Complete source-supported draft text appears below and remains in Excel and JSON.

Exact asset/version. Fictional TLS library / 1

Current cryptography. Fictional reported current algorithm. Key size. 2048. Protocol/library. Fictional supplied protocol 1 / Fictional exact library 1

Approved target. Fictional customer-approved target / 1

Prerequisites.

Owner. Fictional cryptographic asset owner. Planned transition. 2027-01-01

Exact approved score. 22 / 1

Tests.

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Decision operations draft. ASSET-2. Prepared for review

Complete source-supported draft text appears below and remains in Excel and JSON.

Exact asset/version. Fictional client application / 1

Current cryptography. Fictional reported current algorithm. Key size. 2048. Protocol/library. Fictional supplied protocol 1 / Fictional exact library 1

Approved target. Fictional customer-approved target / 1

Prerequisites. ASSET-1 1

Owner. Fictional cryptographic asset owner. Planned transition. 2027-02-01

Exact approved score. 22 / 1

Tests.

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Review findings

1 actual scopes. 2 named outputs. 0 unresolved findings.

The first 100 findings and 1000 characters per displayed field appear here. Complete findings remain in the data exports.

Kind	ID	Result	Finding
Original systems source	SYST EM-1	Matched	Every exact task fact matches the original bytes.
Original cryptoAssets source	ASSE T-1	Matched	Every exact task fact matches the original bytes.
Original cryptoAssets source	ASSE T-2	Matched	Every exact task fact matches the original bytes.
Original migrationRules source	RULE -1	Matched	Every exact task fact matches the original bytes.
Original cryptoDependencies source	DEP-1	Matched	Every exact task fact matches the original bytes.
Customer horizon assumption comparison	ASSE T-1	Within selected assumption	Protected-data lifetime plus migration time. 7 years. Customer-selected horizon. 10 years. This is a declared scenario, not a prediction.
Customer horizon assumption comparison	ASSE T-2	Within selected assumption	Protected-data lifetime plus migration time. 7 years. Customer-selected horizon. 10 years. This is a declared scenario, not a prediction.

Selected exact attachments

ID	Filename	Bytes	SHA-256
f1	fictional-approved-decision-operations-rules.json	126	d5749f59c248a46496c793a8d4203d3b45539f09be79e0cbcd93e93b3b3af900
f2	fictional-original-decision-operations-records.json	2595	b9edb76dc9c06ff1e0b2bd44f48796cb7488759770c9d0ebf2f6772f9a9a8fbf

Unresolved items and limitations

The first 100 unresolved items appear here, with 1000 characters per preview. Complete findings remain in Excel and JSON.

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Limitations

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Official sources

Source	Provision	Date	Link
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Source	Provision	Date	Link
National Institute of Standards and Technology: Considerations for Achieving Crypto Agility	NIST CSWP 39 update 1, June 29, 2026. Cryptographic dependencies, operational migration, interoperability and tradeoffs. Join algorithm/key/protocol/library/owner and protected-data lifetime to exact dependencies and customer-approved target standards and priority weights. Calculate exact approved priority scores. Detect dependency cycles, missing supplier support, contradictory target versions, missing interoperability/rollback tests and dependent transition dates. Produce a dependency-ordered migration roadmap. Quantum arrival, algorithm safety and mandatory transition dates are not predicted. This source does not approve applicability, source completeness, real-world effectiveness or customer decisions.	October 9, 2026	https://csrc.nist.gov/pubs/cswp/39/upd1/considerations-for-achieving-crypto-agility/final