

CHG0030105 — [TITAN] High — legacy_eol on as400-claims-v7r2

Severity	High	Priority	2 - High
Cloud	Multi	State	Assigned
Resource	as400-claims-v7r2	Group	security_engineering
Resource type	IBM::IBMi::LPAR	Change type	Normal
Opened	2026-04-22 19:49:27	Closed	2026-04-22 19:49:27
CAB required	Yes	Close code	—

Security Finding

IBM i (AS/400) V7R2M0 detected – past end-of-life 2021-04-30 (1097 days). Runs claims-adjudication workload with PHI. No IBM i ESU equivalent. Fails HIPAA 164.308(a)(1), PCI DSS 6.2, NIST 800-53 SI-2, HITRUST 10.g.

Justification

High: IBM i (AS/400) V7R2M0 detected – past end-of-life 2021-04-30 (1097 days). Runs claims-adjudication workload with PHI. No IBM i ESU equivalent. Fails HIPAA 164.308(a)(1), PCI DSS 6.2, NIST 800-53 SI-2, HITRUST 10.g.

Implementation Plan

1. Pre-change snapshot captured by TITAN (auto-rollback available).
2. Execute fix command:
Upgrade to IBM i 7.5 (extended support through 2031). Compensating: Precisely Assure security monitoring, network segregation to PACS/EHR only, session audit to SIEM.
3. TITAN FORGE verifies the fix was applied.
4. Post-change rescan by TITAN SCOUT – finding must no longer appear.
5. Close ticket with Successful close_code.

Risk & Impact Analysis

Risk level: MEDIUM-HIGH risk – misconfiguration with realistic exploit path.
 Business impact if unremediated: Increases attack surface; auditor finding likely.
 Scope: single resource (as400-claims-v7r2).
 Blast radius: change is idempotent; pre-change snapshot captured by TITAN; auto-rollback available if rescan fails.
 Finding detail: IBM i (AS/400) V7R2M0 detected – past end-of-life 2021-04-30 (1097 days). Runs claims-adjudication workload with PHI. No IBM i ESU equivalent. Fails HIPAA 164.308(a)(1), PCI DSS 6.2, NIST 800-53 SI-2,

Backout / Rollback Plan

1. TITAN auto-captured snapshot of as400-claims-v7r2 before change (baseline: titan-legacy-demo-20260422T201927Z).
2. If post-change rescan still shows the finding OR a new issue appears within 15 min:
 - a. TITAN FORGE fires rollback automatically using stored snapshot.
 - b. Incident reopens and escalates to on-call.
3. Manual rollback command path (human override) is documented in close notes.

Test Plan

1. TITAN SCOUT rescans as400-claims-v7r2 immediately after FORGE applies the change.
2. PASS criteria: the specific finding no longer appears in SCOUT results.
3. PASS criteria: no new CRITICAL or HIGH findings introduced by the change.
4. Automated compliance check: HIPAA/PCI/SOC2 controls re-evaluated.
5. If any check fails, backout plan fires automatically.

Recommended Fix Command

Upgrade to IBM i 7.5 (extended support through 2031). Compensating: Precisely Assure security monitoring, network segregation to PACS/EHR only, session audit to SIEM.

Compliance Mapping

CIS Benchmark, SOC 2 CC6.1

AI Close Notes

TITAN CONDUIT opened this high legacy_eol change request and assigned it to the security_engineering group for review. STATE: ASSIGNED – awaiting human action. Per TITAN AI policy (and Kazmi rule, 2026-04-22), configuration changes are NEVER auto-applied and change tickets are NEVER auto-closed by TITAN. The assigned group reviews the recommended fix, schedules a CAB-approved change window, applies the fix manually, validates via SCOUT rescan, and closes this ticket themselves. TITAN documents and routes – the human owns the change from here.

TITAN AI LLC · CONDUIT Agent · Patent Pending USPTO 19/645,524 · Generated 2026-04-22 20:19 UTC