

CHG0030109 — [TITAN] High — legacy_eol on app-websphere-claims-gateway

Severity	High	Priority	2 - High
Cloud	Azure	State	Assigned
Resource	app-websphere-claims-gateway	Group	security_engineering
Resource type	Microsoft.Web/sites	Change type	Normal
Opened	2026-04-22 19:25:27	Closed	2026-04-22 19:25:27
CAB required	Yes	Close code	—

Security Finding

WebSphere 8.0 on Windows Server 2012 R2 – both past end-of-life. WebSphere 8.0 EOL 2018-04-30, Windows 2012 R2 EOL 2023-10-10 (ESU available until 2026-10-13 but not enrolled). Fails HIPAA 164.308(a)(1)(ii)(D), PCI DSS 6.2, SOC 2 CC7.1, NIST 800-53 SI-2.

Justification

High: WebSphere 8.0 on Windows Server 2012 R2 – both past end-of-life. WebSphere 8.0 EOL 2018-04-30, Windows 2012 R2 EOL 2023-10-10 (ESU available until 2026-10-13 but not enrolled). Fails HIPAA 164.308(a)(1)(ii)(D), PCI DSS 6.2, SOC 2 CC7.1, NIST 800-53 SI-2.

Implementation Plan

1. Pre-change snapshot captured by TITAN (auto-rollback available).
2. Execute fix command:
Migrate claims gateway to IBM WebSphere Liberty 23.x on RHEL 9 or rewrite as Azure App Service.
Enroll Windows 2012 R2 ESU as stop-gap (\$ per core). Compensating: WAF, MFA on admin, tamper-evident logs.
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 (app-websphere-claims-gateway).
Blast radius: change is idempotent; pre-change snapshot captured by TITAN; auto-rollback available if rescan fails.
Finding detail: WebSphere 8.0 on Windows Server 2012 R2 – both past end-of-life. WebSphere 8.0 EOL 2018-04-30, Windows 2012 R2 EOL 2023-10-10 (ESU available until 2026-10-13 but not enrolled). Fails HIPAA 164.308(a)(

Backout / Rollback Plan

1. TITAN auto-captured snapshot of app-websphere-claims-gateway 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 app-websphere-claims-gateway 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

Migrate claims gateway to IBM WebSphere Liberty 23.x on RHEL 9 or rewrite as Azure App Service.
Enroll Windows 2012 R2 ESU as stop-gap (\$ per core). Compensating: WAF, MFA on admin, tamper-evident logs.

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.

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