INC0010012 — [TITAN] Medium — security on titan-live-20260421t223919z-svc-backup

Severity	Medium	Priority	4 - Low
Cloud	AWS	State	New
Resource	titan-live-20260421t223919z-svc-backup	Group	identity_and_access
Resource type	AWS::IAM::User	Change type	Incident
Opened	2026-04-21 15:42:20	Closed	2026-04-21 15:42:20
CAB required	No	Close code	—

Security Finding

```
IAM user 'titan-live-20260421t223919z-svc-backup' has no MFA enabled. Privileged operation account vulnerable to credential compromise. CIS_AWS_1.14.
```

Justification

```
Medium: IAM user 'titan-live-20260421t223919z-svc-backup' has no MFA enabled. Privileged operation account vulnerable to credential compromise. CIS_AWS_1.14.
```

Implementation Plan

```
1. Pre-change snapshot captured by TITAN (auto-rollback available).
2. Execute fix command:
Enforce MFA on user titan-live-20260421t223919z-svc-backup or rotate to SSO-backed identity. Audit last access date.
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

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Risk level: MEDIUM risk — weaker control, should be hardened.
Business impact if unremediated: Control weakness that compounds with other gaps.
Scope: single resource (titan-live-20260421t223919z-svc-backup).
Blast radius: change is idempotent; pre-change snapshot captured by TITAN; auto-rollback available if rescan fails.
Finding detail: IAM user 'titan-live-20260421t223919z-svc-backup' has no MFA enabled. Privileged operation account vulnerable to credential compromise. CIS_AWS_1.14.
```

Backout / Rollback Plan

```
1. TITAN auto-captured snapshot of titan-live-20260421t223919z-svc-backup before change (baseline: titan-3cloud-20260421T223919Z).
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

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1. TITAN SCOUT rescans titan-live-20260421t223919z-svc-backup immediately after FORGE applies the change.
2. PASS criteria: the specific finding no longer appears in SCOUT results.
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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

Enforce MFA on user titan-live-20260421t223919z-svc-backup or rotate to SSO-backed identity. Audit last access date.

Compliance Mapping

CIS 1.x IAM, NIST AC-2, SOC 2 CC6.1

AI Close Notes

2026-04-21 15:42:20 - System Administrator (Work notes)
[TITAN CONDUIT] Incident auto-filed from security scan.
Detecting agent: unknown (scan titan-3cloud-20260421T223919Z).
Severity: Medium (priority 3).
This is a hygiene/access-control issue that does not require a CAB-gated change window. Assign to the listed team and resolve per their standard runbook. TITAN will auto-detect clearance on the next scan.