TITAN AI · CONDUIT · INCIDENT

INC0010013 — [TITAN] Medium — security on sa-titan-orphan-1324@adroit-terminus-234522.iam.gserviceacco

Severity	Medium	Priority	4 - Low
Cloud	GCP	State	New
Resource	sa-titan-orphan-1324@adroit-terminus-234522.iam.gserviceacc	Category	identity_and_access
Resource type	iam.googleapis.com/ServiceAccount	Change type	Incident
Opened	2026-04-21 15:42:21	Closed	2026-04-21 15:42:21
CAB required	No	Close code	—

Security Finding

```
GCP service account 'sa-titan-orphan-1324@adroit-terminus-234522.iam.gserviceaccount.com' has no usage in 120 days and no key rotation schedule. Orphan credentials widen credential-theft blast radius.
```

Justification

```
Medium: GCP service account 'sa-titan-orphan-1324@adroit-terminus-234522.iam.gserviceaccount.com' has no usage in 120 days and no key rotation schedule. Orphan credentials widen credential-theft blast radius.
```

Implementation Plan

```
1. Pre-change snapshot captured by TITAN (auto-rollback available).
2. Execute fix command:
gcloud iam service-accounts delete
sa-titan-orphan-1324@adroit-terminus-234522.iam.gserviceaccount.com
--project=adroit-terminus-234522 (after confirming no active consumers).
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 risk — weaker control, should be hardened.
Business impact if unremediated: Control weakness that compounds with other gaps.
Scope: single resource (sa-titan-orphan-1324@adroit-terminus-234522.iam.gserviceaccount.com).
Blast radius: change is idempotent; pre-change snapshot captured by TITAN; auto-rollback available if rescan fails.
Finding detail: GCP service account
'sa-titan-orphan-1324@adroit-terminus-234522.iam.gserviceaccount.com' has no usage in 120 days and no key rotation schedule. Orphan credentials widen credential-theft blast radius.
```

Backout / Rollback Plan

```
1. TITAN auto-captured snapshot of
sa-titan-orphan-1324@adroit-terminus-234522.iam.gserviceaccount.com 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

```
1. TITAN SCOUT rescans sa-titan-orphan-1324@adroit-terminus-234522.iam.gserviceaccount.com
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

```
gcloud iam service-accounts delete
sa-titan-orphan-1324@adroit-terminus-234522.iam.gserviceaccount.com
--project=adroit-terminus-234522 (after confirming no active consumers).
```

Compliance Mapping

```
CIS 1.x IAM, NIST AC-2, SOC 2 CC6.1, PCI DSS 3.5
```

AI Close Notes

```
2026-04-21 15:42:21 - 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.
```