

Autonomous Incident Report

Generated: 2026-02-05T15:39:07.491Z

Root Cause Analysis

Diagnosis: The application explicitly throws a 'SeededDemoFailure' when the action 'cause_error' is received. This appears to be a test artifact left in production code.

Confidence: 95%

File: apps/sample-app/src/index.ts:24-29

Generated Patch

```
--- apps/sample-app/src/index.ts
+++ apps/sample-app/src/index.ts
@@ -24,6 +24,0 @@
-         if (body.payload?.action === "cause_error") {
-             console.error("Triggering intentional failure
scenario...");
-             const error = new Error("SeededDemoFailure:
deterministic bug for AIA demo");
-             console.error(error.stack);
-             throw error;
-         }
```

Pull Request Details

Fix: The application explicitly throws a 'SeededDemoFai...

Root Cause

The application explicitly throws a 'SeededDemoFailure' when the action 'cause_error' is received. This appears to be a test artifact left in production code.

Changes

- Applied patch to `apps/sample-app/src/index.ts`
- Removed faulty logic causing deterministic failure.

Verification

A reproduction test has been generated.

1. Run the test to confirm failure (repro):

```
`bun run app/test/generated/repro.test.ts`
```

2. Apply the patch:

```
`patch -p0 < autopsy/patches/patch-1.diff`
```

3. Run the test again to confirm fix.

Verification Logs

Pre-Patch (Failure)

```
bun test v1.3.8 (b64edcb4)
Trigger status: 500
Bug reproduced: 500 Internal Server Error
time="2026-02-05T01:09:59+05:30" level=warning msg="/Users/sarthakkarode/autonomus-incident-agent/repro/docker-compose.yml: the attribute `version` is obsolete, it will be ignored, please remove it to avoid potential confusion"
time="2026-02-05T01:09:59+05:30" level=warning msg="No services to build"
  Container repro-sample-app-1 Running
time="2026-02-05T01:09:59+05:30" level=warning msg="No services to build"
  Container repro-test-runner-run-a77b6cf0594a Creating
  Container repro-test-runner-run-a77b6cf0594a Created
```

```
app/test/generated/repro.test.ts:
(pass) reproduce seeded failure [17.00ms]
```

```
1 pass
0 fail
Ran 1 test across 1 file. [64.00ms]
```

Post-Patch (Success)

```
bun test v1.3.8 (b64edcb4)
Trigger status: 200
Bug NOT reproduced: Request succeeded
time="2026-02-05T01:10:12+05:30" level=warning msg="/Users/sarthakkarode/autonomus-incident-agent/repro/docker-compose.yml: the attribute `version` is obsolete, it will be ignored, please remove it to avoid potential confusion"
time="2026-02-05T01:10:12+05:30" level=warning msg="No services to build"
  Container repro-sample-app-1 Running
time="2026-02-05T01:10:12+05:30" level=warning msg="No services to build"
  Container repro-test-runner-run-935471097b8c Creating
  Container repro-test-runner-run-935471097b8c Created
```

```
app/test/generated/repro.test.ts:
(pass) reproduce seeded failure [6.00ms]
```

```
1 pass
0 fail
Ran 1 test across 1 file. [21.00ms]
```