

Restore testing evidence report

Example Analytics Ltd · Reporting period 1–31 October 2026 · Generated 1 November 2026 06:00 UTC

SAMPLE REPORT. Example Analytics Ltd is a fictional company; all names and figures are illustrative.

1. Summary

Restore tests run	Passed	Failed / warnings	Longest restore
93	91	1 / 1	14 min 08 s

All three production databases were restore-tested daily as required by the Backup and Restore Testing Policy v1.2 (section 6). One test failed (incident RP-2026-10-01, resolved the same day and re-tested successfully). One warning was raised for a planned schema change and acknowledged. Measured restore times stayed within the 4-hour recovery time objective throughout the period.

2. Databases in scope

Database	Engine	Backup source	Schedule	Tests	Result	Restore time (median / max)
app-prod	PostgreSQL 16	s3://example-backups/pg/app-prod/ (daily pg_dump, 02:00)	Daily 04:00	31	30 pass, 1 fail	11 min 40 s / 14 min 08 s
billing-prod	PostgreSQL 16	s3://example-backups/pg/billing/ (daily pg_dump, 02:30)	Daily 04:30	31	30 pass, 1 warning	2 min 12 s / 2 min 31 s
events-prod	PostgreSQL 15	Off-site copy, Backblaze B2 (daily pg_dump, 03:00)	Daily 05:00	31	31 pass	6 min 03 s / 6 min 50 s

3. What each test verified

Check	Pass criterion
Backup file	Newest backup exists in its production storage location, is less than 26 hours old, and its size is within the normal range
Restore	Restored into an isolated, network-less test database on the production major version with zero errors; duration measured
Integrity	Every row of every table read back; all B-tree indexes verified with PostgreSQL amcheck
Completeness	Row count of every table at least 80% of its median over the previous 7 successful tests
Freshness	Newest record in orders.created_at, invoices.issued_at and events.received_at within 26 hours of the backup time

Schema	No established table missing; removed or changed columns flagged for review
Clean-up	Restored database and downloaded backup copy deleted at the end of every test

4. Exceptions and follow-up

Date	Database	Finding	Follow-up	Closed
14 Oct 04:12	app-prod	FAIL: public.orders had 41,208 rows, usually about 2.1 million (2%). Backup taken from a read replica whose replication had stopped after a network change on 13 Oct.	Incident RP-2026-10-01. Replication repaired 09:40; backup job switched to the primary's dedicated backup role; on-demand backup and restore test at 11:05 passed (2,104,877 rows).	14 Oct 11:24
22 Oct 04:31	billing-prod	WARN: public.invoices column legacy_ref removed.	Matches planned migration CHG-0457 (removal of unused column). Acknowledged by the billing team owner.	22 Oct 08:15

5. Daily results

Database	1–7 Oct	8–13 Oct	14 Oct	15–21 Oct	22 Oct	23–31 Oct
app-prod	7 pass	6 pass	fail → re-test pass	7 pass	pass	9 pass
billing-prod	7 pass	6 pass	pass	7 pass	warning	9 pass
events-prod	7 pass	6 pass	pass	7 pass	pass	9 pass

The full record of every test (time, backup object and checksum, duration, row counts, findings) is available as a CSV/JSON export.

6. Control mapping

Requirement	Evidence in this report
ISO/IEC 27001:2022 Annex A 8.13: backup copies regularly tested in line with the backup policy	Sections 2, 3 and 5: daily tests of all in-scope databases per policy section 6
SOC 2 A1.3: recovery plan procedures tested	Sections 2 to 5, including measured restore times against the RTO
SOC 2 A1.2: backup processes and recovery infrastructure	Section 2 (backup sources incl. off-site copy) and section 4 (failure detected and corrected)
NIS2 Article 21(2)(c): backup management and disaster recovery	Whole report; incident handling in section 4

7. Review and approval

Reviewed against the Backup and Restore Testing Policy v1.2. Exceptions in section 4 were handled within the policy's one-business-day requirement.

Reviewed by: Head of Platform
Date:

Approved by: CTO
Date: