

# Backup validation report

**PASS**

billing · 2026-09-29T04:18:18Z

|          |                                           |
|----------|-------------------------------------------|
| Target   | billing                                   |
| Engine   | postgres                                  |
| Source   | nas billing                               |
| Run      | run-20260929-billing                      |
| Started  | 2026-09-29T04:14:00Z                      |
| Finished | 2026-09-29T04:18:18Z                      |
| Duration | 4 min 18 s                                |
| Outcome  | <b>PASS</b>                               |
| Summary  | 8 passed, 0 warnings, 0 failed, 0 skipped |
| Agent    | Restorly v0.1.5 on validator-01           |

## Backup

|                       |                                                                  |
|-----------------------|------------------------------------------------------------------|
| Backup                | billing/billing-20260929.dump                                    |
| Size                  | 877.4 MiB                                                        |
| Taken                 | 2026-09-29T03:00:00Z                                             |
| Age when validated    | 0 ms                                                             |
| Format                | pg-custom                                                        |
| Server version        | 17.7                                                             |
| SHA-256 of the backup | d73162447ec4e00042d9b80f0d6c4a35a219b192c83a37ae880baa470e208302 |

## Restore

|               |             |
|---------------|-------------|
| Sandbox image | postgres:17 |
| Restore time  | 3 min 18 s  |
| Read          | 0 B         |
| Restored size | 0 B         |
| Databases     | billing     |

## Checks

| Level | Check                    | Outcome     | Result                                       | Time      |
|-------|--------------------------|-------------|----------------------------------------------|-----------|
| 1     | integrity.exists         | <b>PASS</b> | billing-20260929.dump (3 backups in billing) | 40 ms     |
| 1     | integrity.freshness      | <b>PASS</b> | newest backup is 1h14m old (max 26h)         | 2 ms      |
| 1     | integrity.archive        | <b>PASS</b> | archive reads to the end                     | 2.1 s     |
| 2     | restore                  | <b>PASS</b> | restored in a fresh postgres:17 container    | 3 min 0 s |
| 3     | consistency.check_tables | <b>PASS</b> | 41 tables OK                                 | 1.8 s     |
| 3     | consistency.row_counts   | <b>PASS</b> | 41 tables, 3590400 rows; no drop above 10%   | 900 ms    |
| 4     | custom.schema-version    | <b>PASS</b> | 87 >= 85                                     | 20 ms     |
| 4     | custom.invoices-add-up   | <b>PASS</b> | 0 = 0                                        | 35 ms     |

## Custom check schema-version (SQL as tested)

|             |             |
|-------------|-------------|
| Outcome     | <b>PASS</b> |
| Result      | 87 >= 85    |
| Expectation | >= 85       |

```
SELECT version FROM schema_migrations WHERE NOT dirty
```

## Custom check invoices-add-up (SQL as tested)

|             |       |
|-------------|-------|
| Outcome     | PASS  |
| Result      | 0 = 0 |
| Expectation | = 0   |

```
SELECT COUNT(*) FROM invoices i WHERE i.total <> (SELECT COALESCE(SUM(l.amount), 0) FROM
invoice_lines l WHERE l.invoice_id = i.id)
```

## Evidence

|                 |                                                                  |
|-----------------|------------------------------------------------------------------|
| Report SHA-256  | f686bbace41ec4c8ddec7e39c9d298f2c1a794eba1fbba79d5ad946aac34b3b9 |
| Signature       | valid (Ed25519)                                                  |
| Signing key     | SHA256:XmNcK05KZQ052pw2s8r7KkU16f3s+GI5oTC7IOV3GRY               |
| Chain position  | 23                                                               |
| Previous report | d9ce1c5d6e0b757ff4261473cec1510b0c84bbd81e0ca7b424f1985e6f523ebb |

This document is a rendering of the signed JSON report run-20260929-billing.json. The JSON file is the evidence: check it, with this PDF, at <https://restorly.eu/verify> in a browser (nothing is uploaded or installed), or with `restorly report verify --key report-signing.pub run-20260929-billing.json`; its SHA-256 is the value above.