TEST EXECUTION REPORT · RELEASE 4.2

● FAILED → PASSED ON RETEST

ACME-T-327: Invoice list respects data retention

Test case	ACME-T-327 (Xray) · data-driven over all invoices of 2 tenants
Requirement	ACME-430 Data retention per tenant · ACME-432 Hide expired invoices
Environment	Staging · `https://api.staging.acme-ledger.example`
Covers	`GET /invoices`, `GET /invoices/{id}`, dashboard, revenue report, search
Executed	20 Oct 2026 (rc1) · 21 Oct (rc2) · retest 23 Oct 2026 (rc3)
Executed by	Tomasz Kordiak (QA lead)
Defect	ACME-512 Invoices past retention are listed but cannot be retrieved

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Summary

On rc1, 41 invoices whose retention had expired were still listed, counted and searchable, but could not be opened (`404`). Invoices within retention behaved correctly.

rc2 fixed the list but not the dashboard, report or search. rc3 fixed all four; the retest on 23 Oct with the same data passes every step.

Overview

1,284	3,852	1,243	41	5 / 6
Invoices checked	Data checks (3 per invoice)	Correct	Listed but 404	Steps failed (rc1)

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Steps passed (rc3)

Test data

TENANT	RETENTION	INVOICES	PAST RETENTION	SHOULD BE VISIBLE
`t-demo-01`	7 years	1,019	–	1,019
`t-demo-02`	365 days	265	41	224
Cut-off date	Test run 2026-10-20 minus 365 days = 2025-10-20			
Data source	Seed script, no production data			
Script	`check_retention.py` (in `acme/qa-api-tests`)			

Step results (rc1)

#	ACTION	EXPECTED RESULT	ACTUAL RESULT	RESULT
1	Record the invoice count and retention setting of each test tenant.	Counts known; at least one tenant has invoices past retention.	`t-demo-01`: 1,019 invoices, 7 years. `t-demo-02`: 265 invoices, 365 days, 41 created before 2025-10-20.	Pass
2	List all invoices with `GET /invoices` (all pages) for both tenants.	Only invoices within retention are listed; `totalItems` matches.	1,284 listed and `totalItems = 1284`, including the 41 past retention.	Fail
3	Fetch each listed invoice with `GET /invoices/{id}`.	Every listed invoice returns `200`.	1243 return `200`; the 41 past retention return `404` (3 attempts each).	Fail

#	ACTION	EXPECTED RESULT	ACTUAL RESULT	RESULT
4	Compare the dashboard count for `t-demo-02` with the API.	Dashboard shows the number of retrievable invoices.	Dashboard shows 265, API detail works for 224.	Fail
5	Check the revenue report for September 2025 (`t-demo-02`).	Expired invoices are not in the report.	Report includes them (€18,940 too high).	Fail
6	Search for an expired invoice number in the UI.	Not found.	Found in search results; opening it shows 'Invoice not found'.	Fail

Affected invoices 41 invoices, tenant t-demo-02

#	INVOICE ID	NUMBER	CREATED	RETENTION ENDED	AMOUNT	LISTED	DETAIL	COUNTI
1	`inv_Q9SBVD`	2025/08/100	2025-08-04	2026-08-04	€180	Yes	404	Yes
2	`inv_YH4N8S`	2025/08/103	2025-08-05	2026-08-05	€277	Yes	404	Yes
3	`inv_7SDZK7`	2025/08/106	2025-08-07	2026-08-07	€374	Yes	404	Yes
4	`inv_E3PBYK`	2025/08/109	2025-08-09	2026-08-09	€471	Yes	404	Yes
5	`inv_NBZNBZ`	2025/08/112	2025-08-11	2026-08-11	€568	Yes	404	Yes
6	`inv_WKAZPD`	2025/08/115	2025-08-13	2026-08-13	€665	Yes	404	Yes
7	`inv_5VKB3S`	2025/08/118	2025-08-14	2026-08-14	€762	Yes	404	Yes
8	`inv_C5WNE7`	2025/08/121	2025-08-16	2026-08-16	€859	Yes	404	Yes
9	`inv_KD7ZSK`	2025/08/124	2025-08-18	2026-08-18	€956	Yes	404	Yes

#	INVOICE ID	NUMBER	CREATED	RETENTION ENDED	AMOUNT	LISTED	DETAIL	COUNTI
10	inv_TNGB6Z	2025/08/127	2025-08-20	2026-08-20	€1,053	Yes	404	Yes
11	inv_3XSNHD	2025/08/130	2025-08-22	2026-08-22	€1,150	Yes	404	Yes
12	inv_A74ZWS	2025/08/133	2025-08-23	2026-08-23	€1,247	Yes	404	Yes
13	inv_HFDB97	2025/08/136	2025-08-25	2026-08-25	€1,344	Yes	404	Yes
14	inv_RQPNMK	2025/08/139	2025-08-27	2026-08-27	€1,441	Yes	404	Yes
15	inv_ZZZZZZ	2025/08/142	2025-08-29	2026-08-29	€1,538	Yes	404	Yes
16	inv_89ABCD	2025/08/145	2025-08-31	2026-08-31	€1,635	Yes	404	Yes
17	inv_FHKNQS	2025/09/148	2025-09-01	2026-09-01	€1,732	Yes	404	Yes
18	inv_PSWZ47	2025/09/151	2025-09-03	2026-09-03	€1,829	Yes	404	Yes
19	inv_X37BFK	2025/09/154	2025-09-05	2026-09-05	€1,926	Yes	404	Yes
20	inv_6BGNTZ	2025/09/157	2025-09-07	2026-09-07	€2,023	Yes	404	Yes
21	inv_DKSZ7D	2025/09/160	2025-09-09	2026-09-09	€2,120	Yes	404	Yes
22	inv_MV4BJS	2025/09/163	2025-09-10	2026-09-10	€2,217	Yes	404	Yes
23	inv_V5DNX7	2025/09/166	2025-09-12	2026-09-12	€2,314	Yes	404	Yes
24	inv_4DPZAK	2025/09/169	2025-09-14	2026-09-14	€2,411	Yes	404	Yes
25	inv_BNZBNZ	2025/09/172	2025-09-16	2026-09-16	€2,508	Yes	404	Yes

#	INVOICE ID	NUMBER	CREATED	RETENTION ENDED	AMOUNT	LISTED	DETAIL	COUNTI
26	inv_JXAN2D	2025/09/175	2025-09-18	2026-09-18	€205	Yes	404	Yes
27	inv_S7KZDS	2025/09/178	2025-09-19	2026-09-19	€302	Yes	404	Yes
28	inv_2FWBR7	2025/09/181	2025-09-21	2026-09-21	€399	Yes	404	Yes
29	inv_9Q7N5K	2025/09/184	2025-09-23	2026-09-23	€496	Yes	404	Yes
30	inv_GZGZGZ	2025/09/187	2025-09-25	2026-09-25	€593	Yes	404	Yes
31	inv_Q9SBVD	2025/09/190	2025-09-27	2026-09-27	€690	Yes	404	Yes
32	inv_YH4N8S	2025/09/193	2025-09-28	2026-09-28	€787	Yes	404	Yes
33	inv_7SDZK7	2025/09/196	2025-09-30	2026-09-30	€884	Yes	404	Yes
34	inv_E3PBYK	2025/10/199	2025-10-02	2026-10-02	€981	Yes	404	Yes
35	inv_NBZNBZ	2025/10/202	2025-10-04	2026-10-04	€1,078	Yes	404	Yes
36	inv_WKAZPD	2025/10/205	2025-10-06	2026-10-06	€1,175	Yes	404	Yes
37	inv_5VKB3S	2025/10/208	2025-10-07	2026-10-07	€1,272	Yes	404	Yes
38	inv_C5WNE7	2025/10/211	2025-10-09	2026-10-09	€1,369	Yes	404	Yes
39	inv_KD7ZSK	2025/10/214	2025-10-11	2026-10-11	€1,466	Yes	404	Yes
40	inv_TNGB6Z	2025/10/217	2025-10-13	2026-10-13	€1,563	Yes	404	Yes
41	inv_3XSNHD	2025/10/220	2025-10-15	2026-10-15	€1,660	Yes	404	Yes

Evidence

Request and response for the first affected invoice (tokens and personal data removed):

```
GET /invoices?limit=50&cursor=eyJwIjo0fQ  →  200
{ "items": [ …, { "id": "inv_Q9SBVD", "number": "2025/08/100", "createdAt": "2025-08-
04T10:12:44Z", … } ],
  "totalItems": 1284 }

GET /invoices/inv_Q9SBVD  →  404
{ "error": "not_found", "message": "Invoice not found" }
```

The full CSV of all checks and the script are attached to ACME-512 in Jira (`acme-t-retention-evidence.csv` , `check_retention.py`).

Defect

KEY	SUMMARY	SEVERITY	STATUS	COMPONENT	FOUND BY	OWNER	CREATED
`ACME-512`	Invoices past data retention are listed but cannot be retrieved Retested and closed on 23 Oct.	High	Fixed	Invoices API	`ACME-T-327`	Backend	20 Oct 2026

Observations

ID	AREA	OBSERVATION	IMPACT	SUGGESTED ACTION
`OBS-01`	Root cause	The list query filtered by `deleted_at` but the retention job only sets `expired_at` .	Info	Shared repository method for 'visible invoices' (done in rc3).
`OBS-02`	Search index	Search is served from a separate index that was not updated by the retention job.	Medium	Reindex after each retention run (done in rc3).

ID	AREA	OBSERVATION	IMPACT	SUGGESTED ACTION
`OBS-03`	Test data	Only one tenant had a short retention period; the bug would not have shown with default seed data.	Coverage	Keep `t-demo-02` with 365-day retention in the seed script.

Related test cases

CASE	TITLE	TYPE	RESULT
`ACME-T-328`	Expired invoices excluded from totals	Manual + API	Fail → Pass (retest)
`ACME-T-329`	Dashboard count excludes expired	E2E	Fail → Pass (retest)
`ACME-T-330`	Retention setting per tenant	API	Pass
`ACME-T-331`	Retention change applied nightly	Manual	Pass
`ACME-T-335`	Every listed invoice can be retrieved	API	Fail → Pass (retest)
`ACME-T-336`	Invoice search by amount	E2E	Pass
`INV-… (API smoke)`	Every listed invoice can be retrieved	API smoke	Fail → Pass (rc3)
`invoices/retention.spec.ts`	5 E2E tests, Chromium + WebKit	E2E	Pass (rc3)
`reports/month-end.spec.ts`	Report totals equal invoice totals	E2E	Pass (rc3)

Execution history

WHEN	BUILD	BY	RESULT	NOTES
20 Oct 09:30	4.2.0-rc1	Tomasz Kordiak	Fail	41 expired invoices listed; ACME-512 raised
21 Oct 10:15	4.2.0-rc2	Tomasz Kordiak	Fail	List fixed, dashboard and report still count expired invoices

WHEN	BUILD	BY	RESULT	NOTES
23 Oct 10:05	4.2.0-rc3	Tomasz Kordiak	Pass	All steps pass; regression suites green

Retest (rc3)

Passed

`GET /invoices` lists 1243 invoices, `totalItems = 1243` ; all return `200` . Dashboard for `t-demo-02` shows 224, the September 2025 report excludes expired invoices and search no longer finds them.

Regression: the API smoke suite and the invoice E2E specs pass on rc3.

#	STEP	RESULT
1	Record the invoice count and retention setting of each test tenant.	Pass
2	List all invoices with `GET /invoices` (all pages) for both tenants.	Pass
3	Fetch each listed invoice with `GET /invoices/{id}` .	Pass
4	Compare the dashboard count for `t-demo-02` with the API.	Pass
5	Check the revenue report for September 2025 (`t-demo-02`).	Pass
6	Search for an expired invoice number in the UI.	Pass

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