

UI review report

Walkthrough, screenshots, usage, remaining issues, and suggested improvements.

Captured 2026-09-11. Browser console: no application errors after favicon data-URI (catalog static server still 404s a missing favicon.ico until the next full site deploy).

What was fixed in this pass

- CS / sales / accounting / access-staff restyled to the portal indigo system. Dollars and names, not cents forms.
- Fleet replica and service actions collapsed to one overflow menu (flips up near the viewport edge). Power is status. Disabled machines are grey.
- Add-machine is two rows: identity path is wide plus a filename picker; roles are chips. Header: operator LAN · binds 0.0.0.0:3850.
- Docs tab is cards. Trace hop grid wraps. Skip link and focus rings on staff and console.
- Simulator indigo; orange only on Inject faults.
- Portal API key masked. Invoice and statement empty states are cards, not table rows. Staff typeahead uses customer names. STAFF_AUTH=1 uses verae-staff-session.
- Admin customers: list vs edit drawer. Invoice empty state.
- Catalog body font is system-ui. Swagger /docs stays stock with an integrator banner only.
- CS and access-staff share verae-staff-ui review.html.
- Staff cookies accept STAFF_COOKIE_DOMAIN for a reverse-proxy host.
- Public HTTPS doors on *.zapier.georgelambert.org (Caddy + Let's Encrypt). Catalog homepage lists each with a screenshot.

How to use each surface

Public HTTPS on NS1 (Let's Encrypt): portal.zapier.georgelambert.org/portal/ for customers; zap.zapier.georgelambert.org for Zapier; api.zapier.georgelambert.org for API keys; fleet / cs / sales / acct / staff / iam for operators after IAM login. Loopback still used for NATS, keep, archive workers, and zappier-edge :13000.

Issues still to consider

None. The designer-review backlog is empty.

Screenshot atlas with usage notes

Operator console — Fleet

Open <http://127.0.0.1:3850/>. Role chips replace the truncated text field. Power is a status (on / paused / off), not a toggle. Replica and service actions live in the overflow menu.

OPERATOR LAN · BINDE 0.0.0.0:3850
Verae operator console
 Fleet, message trace, and docs in one shell. HTTP listens on all interfaces; NATS stays private. Pause does not count toward replica floors. SSH keys stay on disk.

probe 2026-09-11T22:17:24.102Z · NATS nats://127.0.0.1:4222 · HTTP 0.0.0.0:3850

MACHINES

id host kind user ssh port capacity

ns1-b 70.88.285.138 ssh marchon 22 8

identity file (path on this host)

~/ssh/id_ed25519 Choose File No ...open

roles

+ tree-node archive-worm
 archive-aggregator job-poller webhook-deliver
 nats edge

Add machine

local OPERATIONAL
 Control plane (this host)
 127.0.0.1
 ssh - 0/24 running - 8 avail
 local - 12/32 running - 12 avail
 +
 RTT ms 0 / 0 / 0 / 0 n=200
 disable

ns1 OPERATIONAL
 NS1.GEORGELAMBERTORG
 marchon@70.88.285.138
 ssh - 0/24 running - 8 avail
 TREE-NODE ARCHIVE-WORM ARCHIVE-
 AGGREGATOR JOB-POLLER WEBHOOK-
 DELIVER
 RTT ms 0 / 0.1 / 0.1 / 0.1 n=1600
 disable ssh-check

lan-134 DEGRADED
 70.88.205.134
 marchon@70.88.285.134
 ssh - 0/12 running - 0 avail
 TREE-NODE ARCHIVE-WORM
 disable ssh-check

SERVICES

SERVICE	HEALTH	FLOOR	RTT	INSTANCES	POWER
access-api Direct customer API access	OPERATIONAL	1 / min 1		UP access-api-0 @local :3022 ...	ON ...
access-authz Access-plane authorization	OPERATIONAL	1 / min 1		UP access-authz-0 @local :3020 ...	ON ...
access-leaf Server-to-server NATS leaf access	OPERATIONAL	1 / min 1		UP access-leaf-0 @local :3023 ...	ON ...
access-web Direct customer web access	OPERATIONAL	1 / min 1		UP access-web-0 @local :3021 ...	ON ...
access-zapier Zapier Platform access plane	OPERATIONAL	1 / min 1		UP access-zapier-0 @local :3024 ...	ON ...
account-balance Account balance (NATS billing SoT)	OPERATIONAL	1 / min 1		UP account-balance-0 @local :3010 ...	ON ...
accounting-export Accounting export (QuickBooks)	OPERATIONAL	1 / min 1		UP accounting-export-0 @local :3013 ...	ON ...
archive-aggregator Archive reply aggregator	OPERATIONAL	1 / min 1	RTT ms 0 / 0.1 / 0.1 / 0.1 n=200	UP archive-aggregator-0 @ns1 :13400 ...	ON ...
archive-worm Bloom-filtered WORM archive	OPERATIONAL	3 / min 3	RTT ms 0 / 0.1 / 0.1 / 0.1 n=600	UP archive-worm-0 @ns1 :13500 ... UP archive-worm-1 @ns1 :13501 ... UP archive-worm-2 @ns1 :13502 ...	ON ...
customer-service Customer-service credits and review	OPERATIONAL	1 / min 1		UP customer-service-0 @local :3011 ...	ON ...
job-poller Job-poller worker	OPERATIONAL	1 / min 1	RTT ms 0 / 0.1 / 0.1 / 0.1 n=200	UP job-poller-0 @ns1 :13200 ...	ON ...
middleware-http Verae Zapier HTTP middleware	OPERATIONAL	1 / min 1		UP middleware-http-0 @local :3100 ...	ON ...
nats NATS JetStream (NS1 loopback)	NOT OPERATIONAL	0 / min 1		none	OFF ...
sales-pricing Sales per-customer pricing	OPERATIONAL	1 / min 1		UP sales-pricing-0 @local :3012 ...	ON ...
tree-node Merkle tree-node archive	OPERATIONAL	3 / min 3	RTT ms 0 / 0.1 / 0.1 / 0.1 n=600	UP tree-node-0 @ns1 :13600 ... UP tree-node-1 @ns1 :13601 ... UP tree-node-2 @ns1 :13602 ...	ON ...
webhook-deliver Zapier REST HTTP deliverer	OPERATIONAL	1 / min 1	RTT ms 0 / 0 / 0 / 0 n=200	UP webhook-deliver-0 @local :13300 ...	ON ...
zapier-simulator Zapier interface simulator + trace console	OPERATIONAL	0 / min 0		none	OFF ...
zapier-edge Zapier commercial HTTPS edge	OPERATIONAL	1 / min 1		UP zapier-edge-0 @local :3000 ...	ON ...

01-console-fleet.png

Fleet — replica overflow

Click the overflow control on a replica. Pause, resume, and restart are in one menu. Confirm still guards restart.

OPERATOR LAN - BINDE 0.0.0.0:3850
Verae operator console
 Fleet, message trace, and docs in one shell. HTTP listens on all interfaces; NATS stays private. Pause does not count toward replica floors. SSH keys stay on disk.

probe 2026-09-11T22:17:24.102Z - NATS nats://127.0.0.1:4222 - HTTP 0.0.0.0:3850

MACHINES

id host kind user ssh port capacity
 ns1-b 70.88.285.138 ssh marchon 22 8

Identity file (path on this host)
 ~/.ssh/id_ed25519 Choose File No ..open

roles
 + tree-node archive-worm
 archive-aggregator job-poller webhook-deliver
 nats edge
 Add machine

local OPERATIONAL
 Control plane (this host)
 127.0.0.1
 local - 12/02 running - 12 avail
 +
 RTT ms 0 / 0 / 0 / 0 n=200
 disable

ns1 OPERATIONAL
 NS1.GEORGELAMBERT.ORG
 marchon@70.88.285.138
 ssh - 8/24 running - 8 avail
 TREE-NODE ARCHIVE-WORM ARCHIVE-
 AGGREGATOR JOB-POLLER WEBHOOK-
 DELIVER
 RTT ms 0 / 0.1 / 0.1 / 0.1 n=1600
 disable ssh-check

lan-134 DEGRADED
 70.88.205.134
 marchon@70.88.285.134
 ssh - 0/12 running - 0 avail
 TREE-NODE ARCHIVE-WORM
 disable ssh-check

SERVICES

SERVICE	HEALTH	FLOOR	RTT	INSTANCES	Restart replica	POWER
access-api Direct customer API access	OPERATIONAL	1 / min 1		UP access-api-0 @local :3822 ...		ON ...
access-authz Access-plane authorization	OPERATIONAL	1 / min 1		UP access-authz-0 @local :3820 ...		ON ...
access-leaf Server-to-server NATS leaf access	OPERATIONAL	1 / min 1		UP access-leaf-0 @local :3823 ...		ON ...
access-web Direct customer web access	OPERATIONAL	1 / min 1		UP access-web-0 @local :3821 ...		ON ...
access-zapier Zapier Platform access plane	OPERATIONAL	1 / min 1		UP access-zapier-0 @local :3824 ...		ON ...
account-balance Account balance (NATS billing SoT)	OPERATIONAL	1 / min 1		UP account-balance-0 @local :3818 ...		ON ...
accounting-export Accounting export (QuickBooks)	OPERATIONAL	1 / min 1		UP accounting-export-0 @local :3813 ...		ON ...
archive-aggregator Archive reply aggregator	OPERATIONAL	1 / min 1	RTT ms 0 / 0.1 / 0.1 / 0.1 n=200	UP archive-aggregator-0 @ns1 :13400 ...		ON ...
archive-worm Bloom-filtered WORM archive	OPERATIONAL	3 / min 3	RTT ms 0 / 0.1 / 0.1 / 0.1 n=600	UP archive-worm-0 @ns1 :13500 ... UP archive-worm-1 @ns1 :13501 ... UP archive-worm-2 @ns1 :13502 ...		ON ...
customer-service Customer-service credits and review	OPERATIONAL	1 / min 1		UP customer-service-0 @local :3811 ...		ON ...
job-poller Job poller worker	OPERATIONAL	1 / min 1	RTT ms 0 / 0.1 / 0.1 / 0.1 n=200	UP job-poller-0 @ns1 :13200 ...		ON ...
middleware-http Verae Zapier HTTP middleware	OPERATIONAL	1 / min 1		UP middleware-http-0 @local :3100 ...		ON ...
nats NATS JetStream (NS1 loopback)	NOT OPERATIONAL	0 / min 1		none		OFF ...
sales-pricing Sales per-customer pricing	OPERATIONAL	1 / min 1		UP sales-pricing-0 @local :3812 ...		ON ...
tree-node Merkle tree-node archive	OPERATIONAL	3 / min 3	RTT ms 0 / 0.1 / 0.1 / 0.1 n=600	UP tree-node-0 @ns1 :13600 ... UP tree-node-1 @ns1 :13601 ... UP tree-node-2 @ns1 :13602 ...		ON ...
webhook-deliver Zapier REST Hook deliverer	OPERATIONAL	1 / min 1	RTT ms 0 / 0 / 0 / 0 n=200	UP webhook-deliver-0 @local :13300 ...		ON ...
zapier-simulator Zapier interface simulator + trace console	OPERATIONAL	0 / min 0		none		OFF ...
zapier-edge Zapier commercial HTTPS edge	OPERATIONAL	1 / min 1		UP zapier-edge-0 @local :3800 ...		ON ...

01b-console-fleet-overflow.png

Operator console — Trace

Trace tab. Orange box is fault inject only. Run step, then read hops on the right.

OPERATOR LAN · BINDS 0.0.0.0:3880

Verae operator console
Fleet, message trace, and docs in one shell. HTTP listens on all interfaces; NATS stays private. Pause does not count toward replica floors. SSH keys stay on disk.

FleetTraceDocs

ZAPIER STEP (SIMULATOR)

Action

Create Timestamp and Wait

Data / batch lines

invoice-1001
invoice-1002
invoice-1003

SHA256

Public metadata JSON

{ "source": "zap" }

☐ includeAttached ☐ includeTree

FAULTS

Orange is inject-only — not the product brand.

☐ 402 ☐ drop events ☐ recover

Run stepReset worldBatch Merkle

Lookup leafLookup tree

RESPONSE

Run a step.

HOP TRACE

MONITORS

02-console-trace.png

Trace after a run

Hop names wrap. Module column no longer clips. Monitors sit under the console.

OPERATOR LAN · BINDS 0.0.0.0:3850

Verae operator console

Fleet, message trace, and docs in one shell. HTTP listens on all interfaces; NATS stays private. Pause does not count toward replica floors. SSH keys stay on disk.

Fleet **Trace** Docs

ZAPIER STEP (SIMULATOR)

Action

Create Timestamp and Wait

Data / batch lines

```
invoice-1001
invoice-1002
invoice-1003
```

SHA256

fa14b9f107d4ab25725090bec80c7dd04956

Public metadata JSON

```
{"source": "zap"}
```

☐ includeAttached ☐ includeTree

FAULTS

Orange is inject-only — not the product brand.

☐ 402 ☐ drop events ☐ recover

Run step **Reset world** **Batch Merkle**

Lookup leaf **Lookup tree**

RESPONSE

```
{
  "jobId": "86a3267f-2831-44b3-97df-3cd4d536f57a",
  "status": "completed",
  "sha256": "fa14b9f107d4ab25725090bec80c7dd049568056c40061d21fbaa0b6e3b9550",
  "existing": true,
  "receipts": [
    {
      "kind": "seal",
      "timestamp": "2026-09-11T21:55:47.287Z",
      "certificate": "mock-cert-86a3267f",
      "blockIndex": 1,
      "jobId": "86a3267f-2831-44b3-97df-3cd4d536f57a",
      "sha256": "fa14b9f107d4ab25725090bec80c7dd049568056c40061d21fbaa0b6e3b9550"
    }
  ],
  "files": [],
  "archivesQueried": false,
  "archiveReplies": {}
}
```

HOP TRACE

```
0ms → zapier-platform-app perform zapier://action/timestamp_and_wait - Zapier cloud perform(z, bundle).
                                HTTPS only.
0ms → zapier-edge auth HTTPS x-api-key
0ms → zapier-edge meter HTTPS → middleware - Rate card x tier - monthly credit
0ms → middleware-http POST /zapier/v1/timestamp/wait HTTPS /zapier/v1/timestamp/wait
0ms → verae-request-splitter splitRequest in-process - Chain gets hash only. Files/meta → archive.put
0ms → verae-chain-client lookup HTTPS api.veraetime.net (MOCK) → Already sealed - original receipt, no
                                second write
0ms → middleware-http publish verae.zapier.jobs.watch
0ms → job-poller consume verae.zapier.jobs.watch
0ms → job-poller GET status HTTPS api.veraetime.net/status
0ms → job-poller publish verae.zapier.jobs.events
0ms → middleware-http wait verae.zapier.jobs.events
0ms → middleware-http response HTTPS 200
0ms → zapier-platform-app output zapier://action/timestamp_and_wait - Returned to Zap step / task history
```

MONITORS

OPERATIONAL 13 hops · 0 errors

02b-console-trace-run.png

Operator console — Docs

Docs are cards matching Fleet, grouped High-level / Architecture / Remaining.

OPERATOR LAN · BINDS 0.0.0.0:3880

Verae operator console

Fleet, message trace, and docs in one shell. HTTP listens on all interfaces; NATS stays private. Pause does not count toward replica floors. SSH keys stay on disk.

FleetTraceDocs

Reading order: high-level first, then architecture, then the rest. Catalog defaults to colored PDFs. Operator HTTP binds all interfaces; NATS does not.

[Open CONSOLE.pdf](#) · [PDF catalog](#) · [Markdown indexes](#)

HIGH-LEVEL (START HERE)

Overview

Whole system in plain language.

Open PDF

Modules and repositories

Short names of every independent repo.

Open PDF

docs-master

One-line SUMMARY + NATS for each module.

Open PDF

User guide

Signup → register → lookup (non-operator).

Open PDF

ARCHITECTURE

NATS.IO 3-server cluster

Loopback NATS, not a public bus.

Open PDF

Uptime / replica floors

Pause does not count toward floors.

Open PDF

Local network failures

What the monitors flag.

Open PDF

Address routing

Access planes to internal subjects.

Open PDF

Diagrams

System, cluster, routing.

PDFSVG

Composition

How packages sit together.

Open PDF

Module NATS map

Subjects per repo.

Open PDF

Archive / bloom

WORM nodes.

Open PDF

Tree nodes

Merkle proofs for hashes.

Open PDF

Fleet

Replica floors and spawn.

Open PDF

REMAINING DOCUMENTATION

Full index

Every remaining document.

Open PDF

Expansion template

New verae.* worker.

PDFrepo

Zapier developer setup

Platform CLI, not a customer surface.

Open PDF

Simulator README

Hop-by-hop lab.

Open PDF

veraе-fleet repo

Source for this console.

Open repo

03-console-docs.png

6

Standalone simulator

<http://127.0.0.1:3847/> uses the indigo shell. Orange is the Inject faults panel only.

SIMULATOR · NOT LIVE ZAPIER · BINDS 0.0.0.0:3847

Verae Time x Zapier trace console

Every hop from Zap input → zapier-edge → middleware → splitter → chain / WORM / tree nodes → Zap output. NATS addresses are in-process. HTTP on all interfaces; NATS stays private.

ZAPIER STEP

Action

Create Timestamp and Wait

Data / Items (batch = one per line)

hello from zapier

SHA256 (lookup; blank = hash Data)

64 hex chars

Public metadata JSON

{"source":"zap"}

Certificate (verify)

Email (signup)

ada@example.com

☐ includeAttached (query WORM)

☐ includeTree (query tree nodes)

INJECT FAULTS

Orange is the fault accent only.

☐ edge 401

☐ edge 402 quota

☐ chain timeout

☐ drop jobs.watch

☐ drop jobs.events

☐ all archives silent

☐ one tree node down

☐ recover (retry)

Delay chain ms

0

Delay archive ms

0

Run step

Reset world

SCENARIOS

Register

Lookup chain

Batch Merkle

Lookup leaf

Lookup tree

World is sticky: batch first, then lookup a leaf. Central lookup should miss; tree lookup should prove inclusion.

RESPONSE TO ZAPIER

Run a step to see output.

Run a step to fill this trace.

MONITORS & SUGGESTED MODIFICATIONS

04-simulator.png

Simulator after a run

Same hop grid as the console Trace tab. Run step or a scenario button.

SIMULATOR · NOT LIVE ZAPIER · BINDS 0.0.0.0:3847

Verae Time x Zapier trace console

Every hop from Zap input → zapier-edge → middleware → splitter → chain / WORM / tree nodes → Zap output. NATS addresses are in-process. HTTP on all interfaces; NATS stays private.

ZAPIER STEP

Action

Create Timestamp and Wait

Data / Items (batch = one per line)

hello from zapier

SHA256 (lookup; blank = hash Data)

64 hex chars

Public metadata JSON

{ "source": "zap" }

Certificate (verify)

Email (signup)

ada@example.le.com

includeAttached (query WORM)

includeTree (query tree nodes)

INJECT FAULTS

Orange is the fault accent only.

edge 401

edge 402 quota

chain timeout

drop jobs.watch

drop jobs.events

all archives silent

one tree node down

recover (retry)

Delay chain ms

0

Delay archive ms

0

Run step

Reset world

SCENARIOS

Register

Lookup chain

Batch Merkle

Lookup leaf

Lookup tree

World is sticky: batch first, then lookup a leaf. Central lookup should miss; tree lookup should prove inclusion.

RESPONSE TO ZAPIER

{
 "jobId": "e95bf1cb-8385-4408-bf54-2755b9a96225",
 "status": "completed",
 "sha256": "180013f4e62fe286900e33a078cbd674ff46160c7c39f511a48b7d84200a4258",
 "existing": true,
 "receipts": [
 {
 "kind": "seal",
 "timestamp": "2026-09-11T21:55:52.275Z",
 "certificate": "mock-cert-e95bf1cb",
 "blockIndex": 1,
 "jobId": "e95bf1cb-8385-4408-bf54-2755b9a96225",
 "sha256": "180013f4e62fe286900e33a078cbd674ff46160c7c39f511a48b7d84200a4258"
 }
],
 "files": [],
 "archivesQueried": false,
 "archiveReplies": {}
}

0ms → zapier-platform-app perform zapier://action/timestamp_and_wait - Zapier cloud perform(z, bundle). HTTPS only.

0ms → zapier-edge auth HTTPS x-api-key

0ms → zapier-edge meter HTTPS - middleware - Rate card x tier - monthly credit

0ms → middleware-http POST /zapier/v1/timestamp/wait HTTPS /zapier/v1/timestamp/wait

0ms → verae-request-splitter splitRequest in-process - Chain gets hash only. Files/meta → archive.put

0ms → verae-chain-client lookup HTTPS api.veraetime.net (MOCK) - Already sealed - original receipt, no second write

0ms → middleware-http publish verae.zapier.jobs.watch

0ms → job-poller consume verae.zapier.jobs.watch

0ms → job-poller GET status HTTPS api.veraetime.net/status

0ms → job-poller publish verae.zapier.jobs.events

0ms → middleware-http wait verae.zapier.jobs.events

0ms → middleware-http response HTTPS 200

0ms → zapier-platform-app output zapier://action/timestamp_and_wait - Returned to Zap step / task history

MONITORS & SUGGESTED MODIFICATIONS

PASS 13 hops · 0 errors · 0 retries · 0 delays · 4 NATS-address hops

ASSUMPTION Zapier never publishes or subscribes to NATS — Zapier hops are HTTPS only

ASSUMPTION Main chain never receives file bytes or private metadata — chain payloads are hash/root only

ASSUMPTION Bloom miss produces no archive.reply packet — misses logged as silent with no reply address

ASSUMPTION archive.query is broadcast (not a shared queue group) — no archive query this run

No modifications suggested for this run.

04b-simulator-run.png

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Customer service — review

http://127.0.0.1:3011/. Enter a customer id, Review account. Amounts are dollars.

STAFF · CUSTOMER SERVICE

Customer service

Look up a customer by name or id. Review prepaid balance, credits, usage, and payments. Credit amounts are in dollars.

CUSTOMER

Ada (free)

Review account

Apply credit

AMOUNT (USD)

5.00

REASON

goodwill

AGENT NAME

cs

Apply credit

Credits write to account-balance. The customer sees dollars, not cents.

CUSTOMER

Ada (free)

PREPAID BALANCE

\$0.00

CREDITS

0

SOURCE

nats

Credits

No credits yet

Nothing recorded for this customer yet.

Usage

No usage yet

Nothing recorded for this customer yet.

Payments

No payments yet

Nothing recorded for this customer yet.

05-cs.png

Customer service — credit applied

Amount (USD) 5.00 → Apply credit. Prepaid and the credits table update in dollars.

STAFF · CUSTOMER SERVICE

Customer service

Look up a customer by name or id. Review prepaid balance, credits, usage, and payments. Credit amounts are in dollars.

CUSTOMER

Ada (free)

Review account

Apply credit

AMOUNT (USD)

5.00

REASON

goodwill

AGENT NAME

cs

Apply credit

Credits write to account-balance. The customer sees dollars, not cents.

CUSTOMER

Ada (free)

PREPAID BALANCE

\$5.00

CREDITS

1

SOURCE

nats

Credits

AMOUNT	REASON	AGENT	WHEN
\$5.00	goodwill	cs	9/11/2026, 6:17:35 PM

Usage

No usage yet

Nothing recorded for this customer yet.

Payments

No payments yet

Nothing recorded for this customer yet.

05-cs-credit.png

Sales — review

http://127.0.0.1:3012/. Review account or Show quote. Quote is a named card, not a JSON dump.

STAFF · SALES

Sales

Review a customer's balance, credits, usage, and payments. Open a quote with names and dollar amounts — not a JSON dump.

CUSTOMER

Ada (free)

Review account

Show quote

CUSTOMER

Ada (free)

PREPAID BALANCE

\$5.00

CREDITS

1

SOURCE

nats

Credits

AMOUNT	REASON	AGENT	WHEN
\$5.00	goodwill	cs	9/11/2026, 6:17:35 PM

Usage

No usage yet

Nothing recorded for this customer yet.

Payments

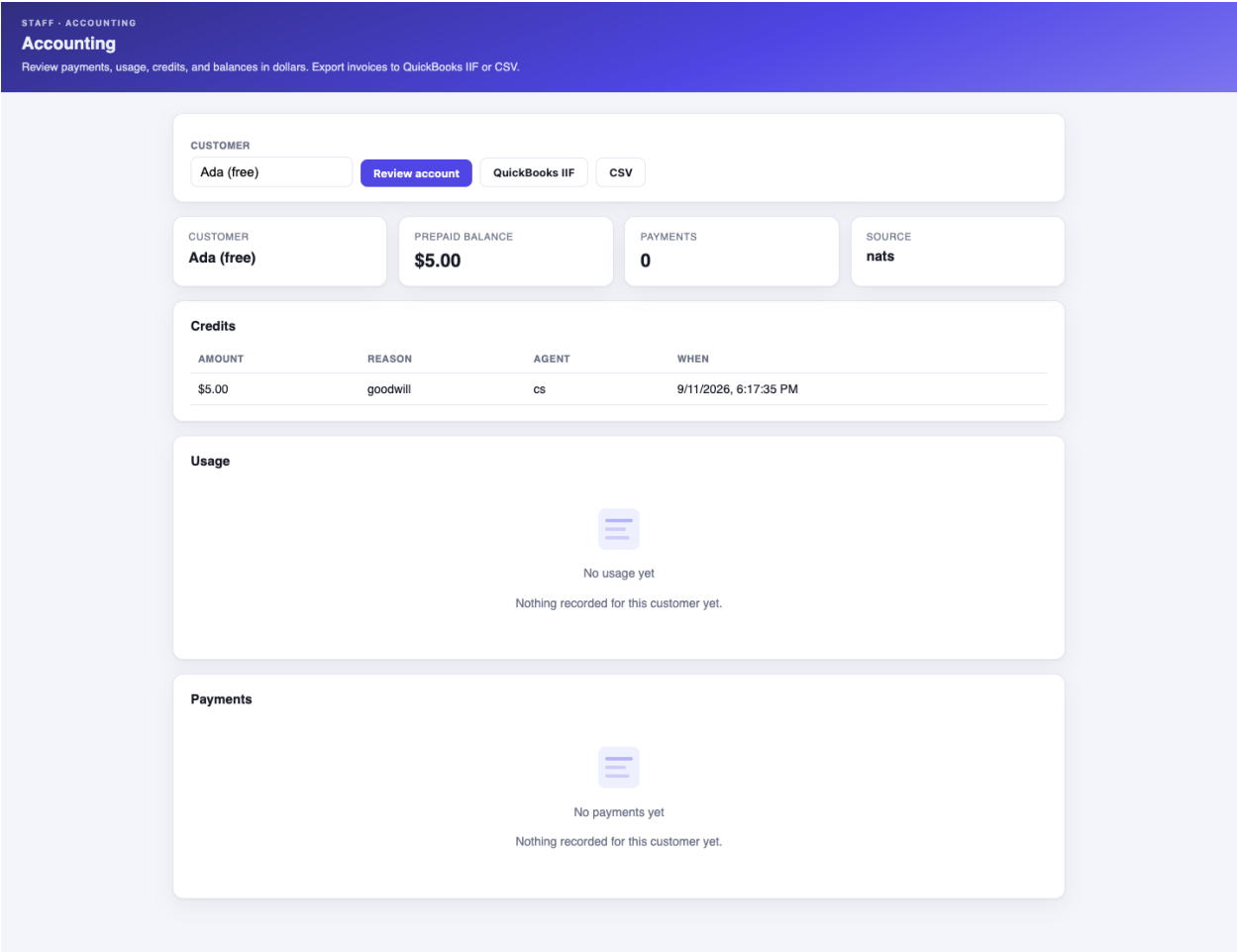
No payments yet

Nothing recorded for this customer yet.

06-sales.png

Accounting — review

http://127.0.0.1:3013/. Review plus QuickBooks IIF / CSV export buttons.



07-accounting.png

Staff access plane

http://127.0.0.1:3025/. Same indigo review/credit UI after authz.

STAFF PLANE - AFTER AUTHZ

Staff access
CS / sales / accounting door. Review and credit go through verae.access.authz.check, then account-balance.
Amounts are dollars; the customer name is shown when the ledger has it.

CUSTOMER

Review account

Apply credit

AMOUNT (USD)

5.00

REASON

goodwill

AGENT NAME

CS

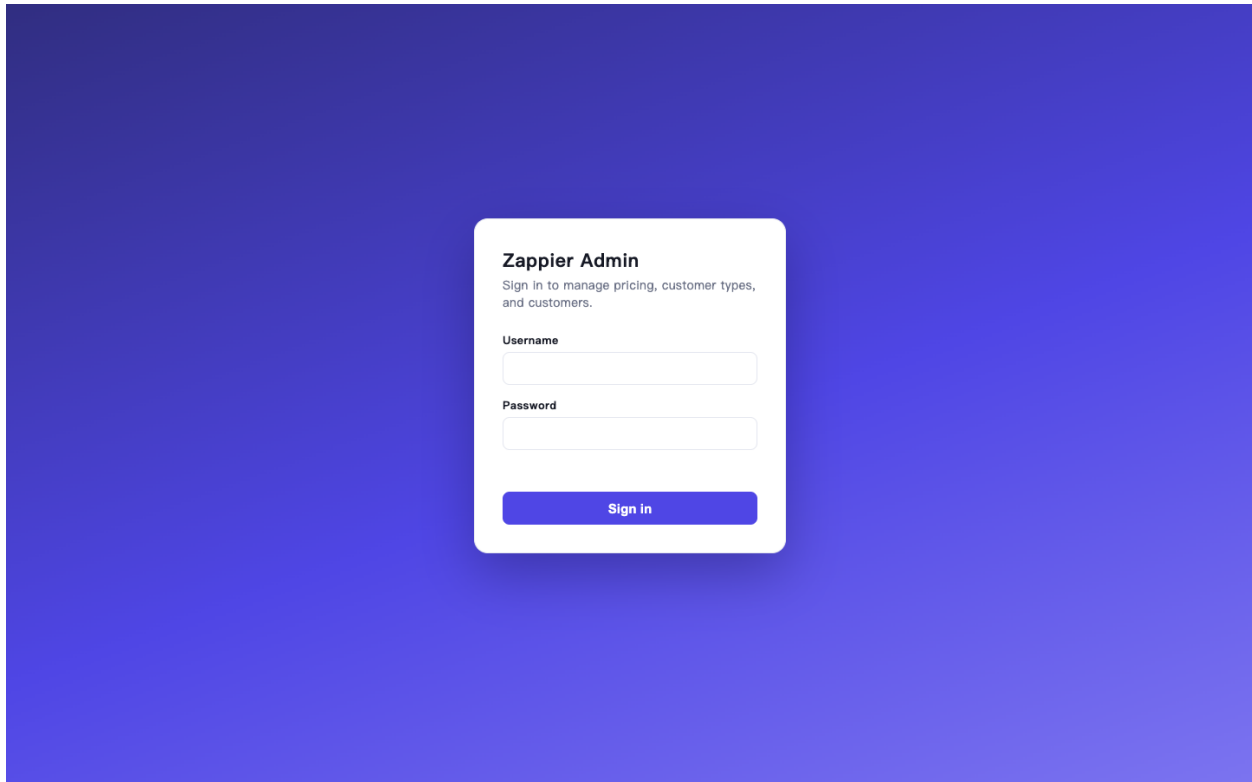
Apply credit

not found

08-access-staff.png

Admin — sign in

<http://127.0.0.1:3000/admin/>. Seed user admin / admin-dev-key.



09-admin-login.png

Admin — rate card

Landing tab after sign-in. Per-endpoint list prices.

Z Zapier

Rate card

Customer types

Customers

Statement

Invoices

Reports

System

Users

Sign out

Rate card

Per-endpoint list prices, in cents. Changes apply to the next API call — no restart.

ENDPOINT (OPERATIONID)	KIND	SET KIND	PRICES (CENTS)		
status	free	free		Save	Delete
storage-list	free	free		Save	Delete
transform	fixed	fixed	fixedCents 4	Save	Delete
add	free	free		Save	Delete
timestamp	fixed	fixed	fixedCents 4	Save	Delete
hash-lookup	free	free		Save	Delete
receipt	free	free		Save	Delete
storage	variable	variable	baseCents 10 perMbCents 50	perKbCents 1	Save>Delete

Add endpoint

operationId fixed Add

The operationId must match an operation in openapi.yaml.

10-admin-rate-card.png

Admin — customers list

Read-only table: name, email, type, billing. Edit opens the drawer.

Z Zapier

■ Rate card

◆ Customer types

○ **Customers**

■ Statement

■ Invoices

／ Reports

○ System

▲ Users

Sign out

Customers

List is read-only. Open Edit to change type, billing, email, or a per-customer multiplier override.

ID	NAME	EMAIL	TYPE	BILLING		
cust_1	Ada (free)	—	free	Stripe	Statement	Edit
cust_2	Grace (pro)	—	pro	Stripe	Statement	Edit
cust_3	Linus (business)	—	business	Stripe	Statement	Edit
cust_6a355b01	Walkthrough User	walk+1789163772617@example.com	free	Stripe	Statement	Edit
cust_78c419b2	Walkthrough User	walk+1789165007568@example.com	free	Stripe	Statement	Edit
cust_fdd0d861	Walkthrough User	walk+1789163920223@example.com	free	Stripe	Statement	Edit

Add customer

name free

The new customer's API key is shown once in the notification — copy it immediately. Set email and billing method in the edit drawer.

12-admin-customers.png

Admin — edit customer drawer

Change email, type, multiplier override, billing. Save or Cancel.

The screenshot shows the Zapier admin interface. On the left is a sidebar with navigation links: Rate card, Customer types, Customers (selected), Statement, Invoices, Reports, System, and Users. The main content area is titled 'Customers' and contains a table of customer data. Below the table is an 'Add customer' form. On the right, a drawer titled 'Edit Ada (free)' is open, showing the details for customer 'cust_1'.

Customers
List is read-only. Open Edit to change type, billing, email, or a per-customer multiplier override.

ID	NAME	EMAIL	TYPE	BILLING
cust_1	Ada (free)	—	free	Stripe
cust_2	Grace (pro)	—	pro	Stripe
cust_3	Linus (business)	—	business	Stripe
cust_6a355b01	Walkthrough User	walk+1789163772617@example.com	free	Stripe
cust_78c419b2	Walkthrough User	walk+1789165007568@example.com	free	Stripe
cust_fdd0d861	Walkthrough User	walk+1789163920223@example.com	free	Stripe

Add customer

name free

The new customer's API key is shown once in the notification — copy it immediately. Set email and billing method

Edit Ada (free)

cust_1

EMAIL

CUSTOMER TYPE

MULTIPLIER OVERRIDE

BILLING

12b-admin-customer-drawer.png

Admin — invoices empty state

Illustrated empty state until a period is generated.

Z Zapier

■ Rate card

◆ Customer types

○ Customers

≡ Statement

■ Invoices

↗ Reports

○ System

▲ Users

Sign out

Invoices

Generate monthly invoices from metered usage, then issue and collect. Regenerating a period replaces drafts and skips issued/paid invoices.

Generate invoices

PERIOD

September 2026

📅

CUSTOMER

All customers

▼

PO NUMBER (OPTIONAL)

PO-1234

Generate

CUSTOMER

All customers

▼

PERIOD

📅

STATUS

Any

▼

Refresh

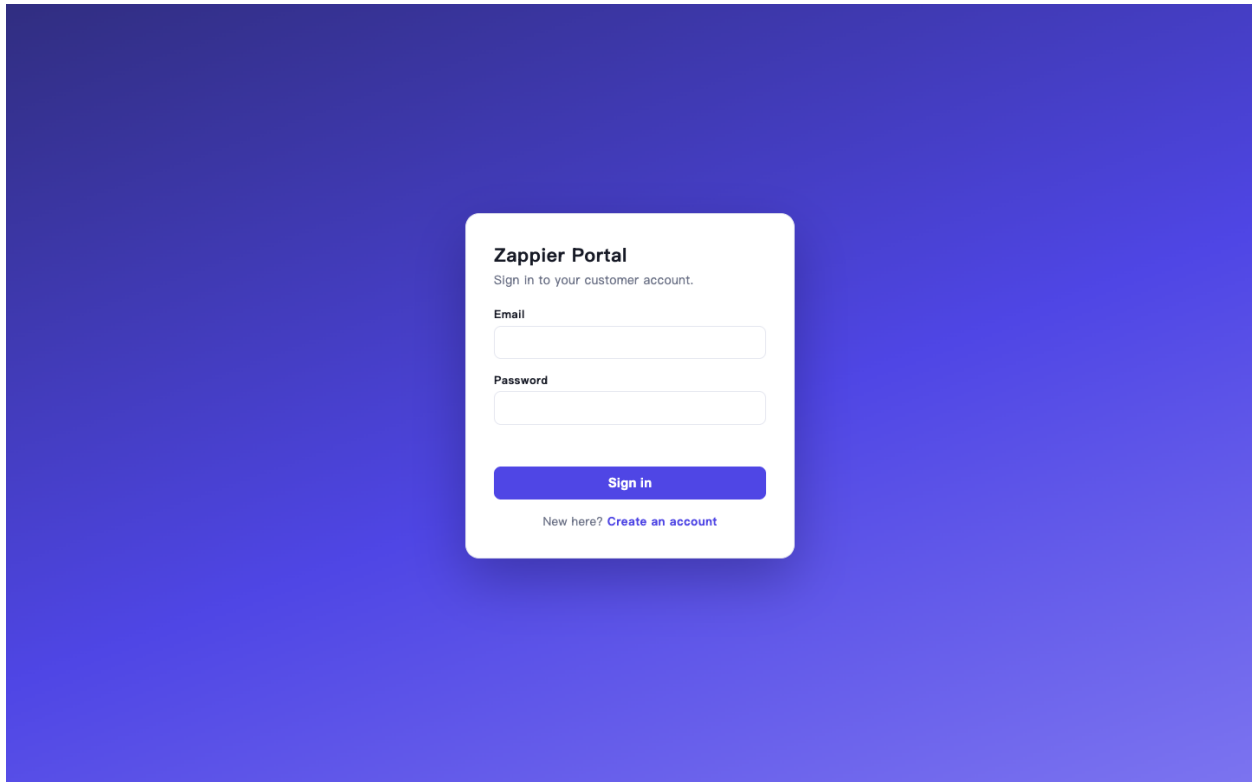
No invoices yet

Generate a period above. Issued invoices keep their numbers; drafts can be replaced.

14-admin-invoices.png

Portal — sign in / create account

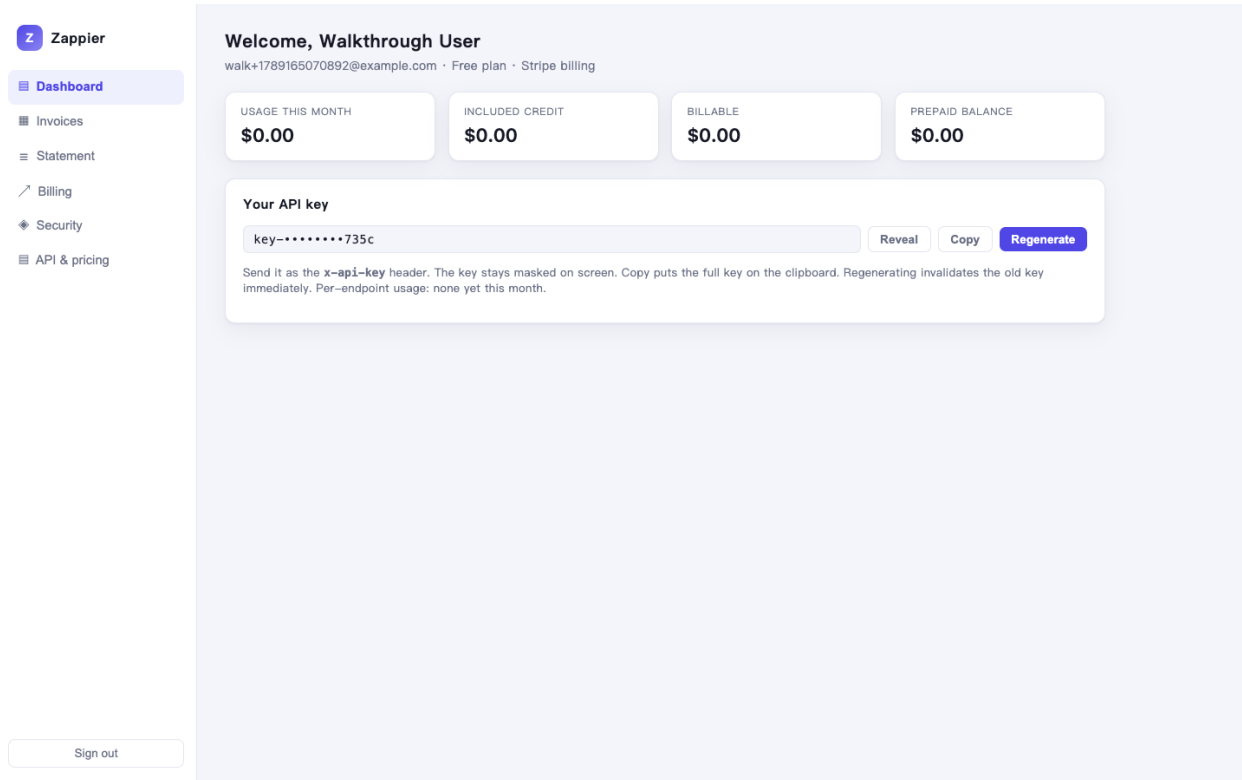
<http://127.0.0.1:3000/portal/>. Create an account or sign in.



16-portal-login.png

Portal — dashboard

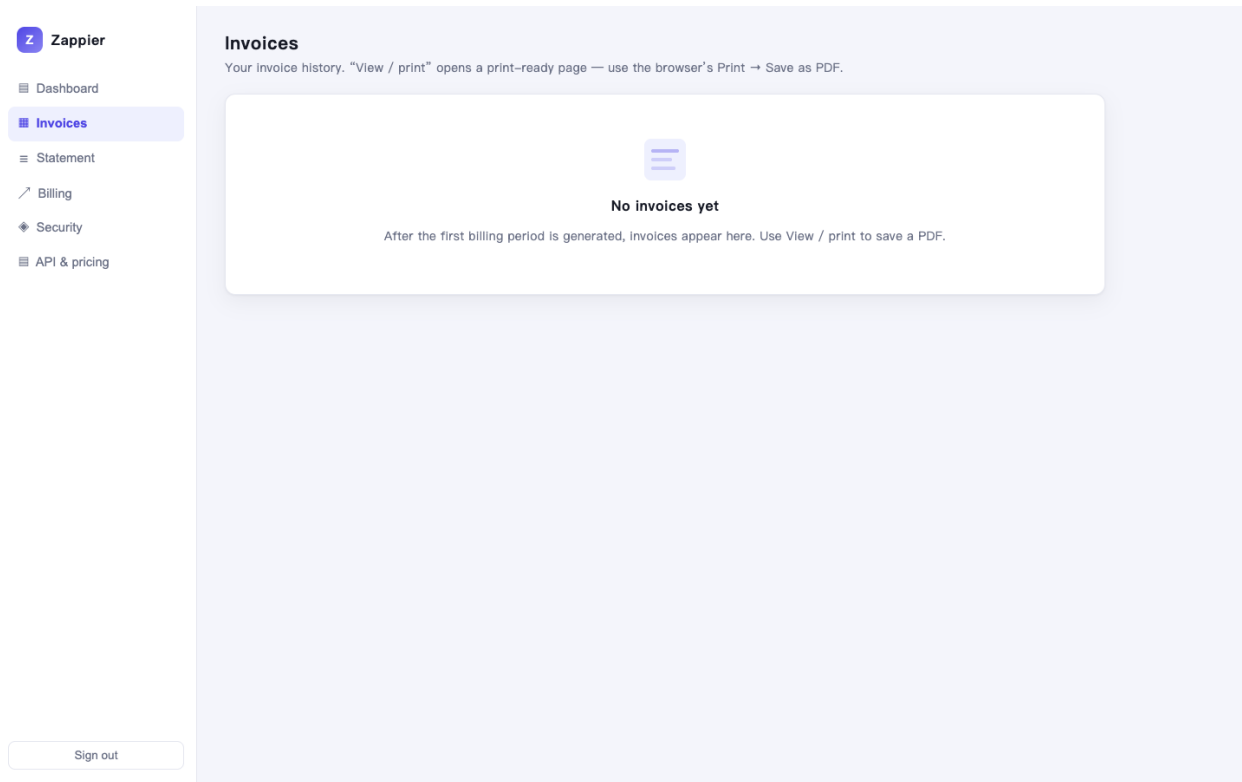
API key is masked. Reveal, Copy, or Regenerate. Copy puts the full key on the clipboard.



17-portal-dashboard.png

Portal — no invoices yet

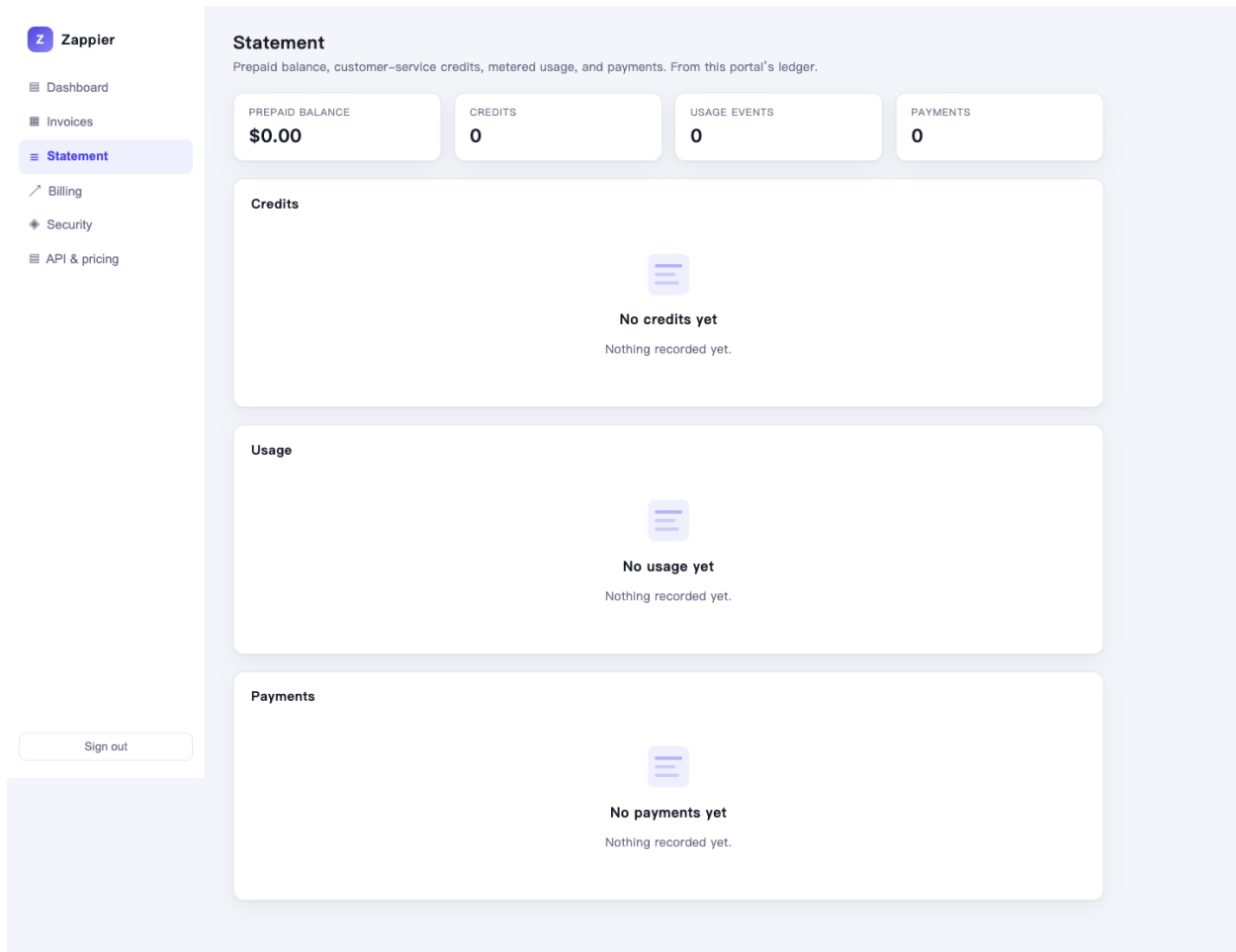
Empty-state illustration instead of a blank table row.



18-portal-invoices-empty.png

Portal — statement

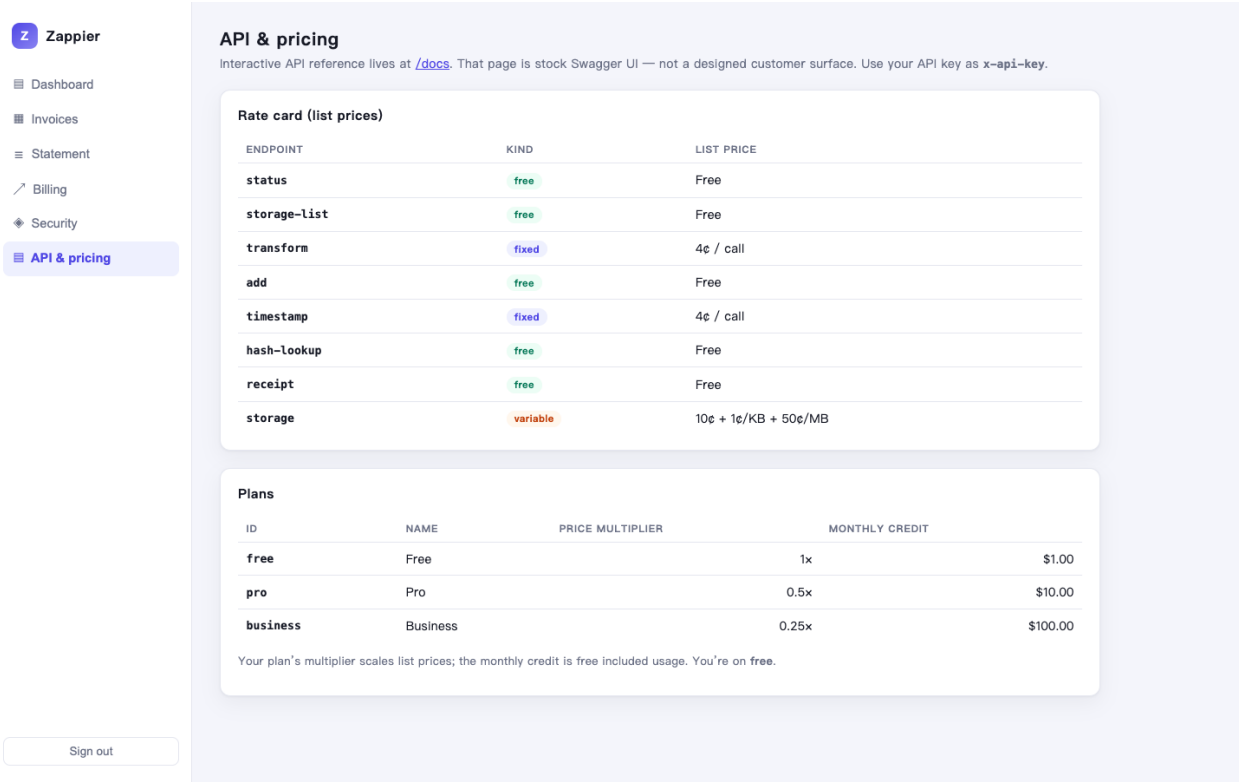
Prepaid, credits, usage, payments in dollars.



19-portal-statement.png

Portal — API & pricing

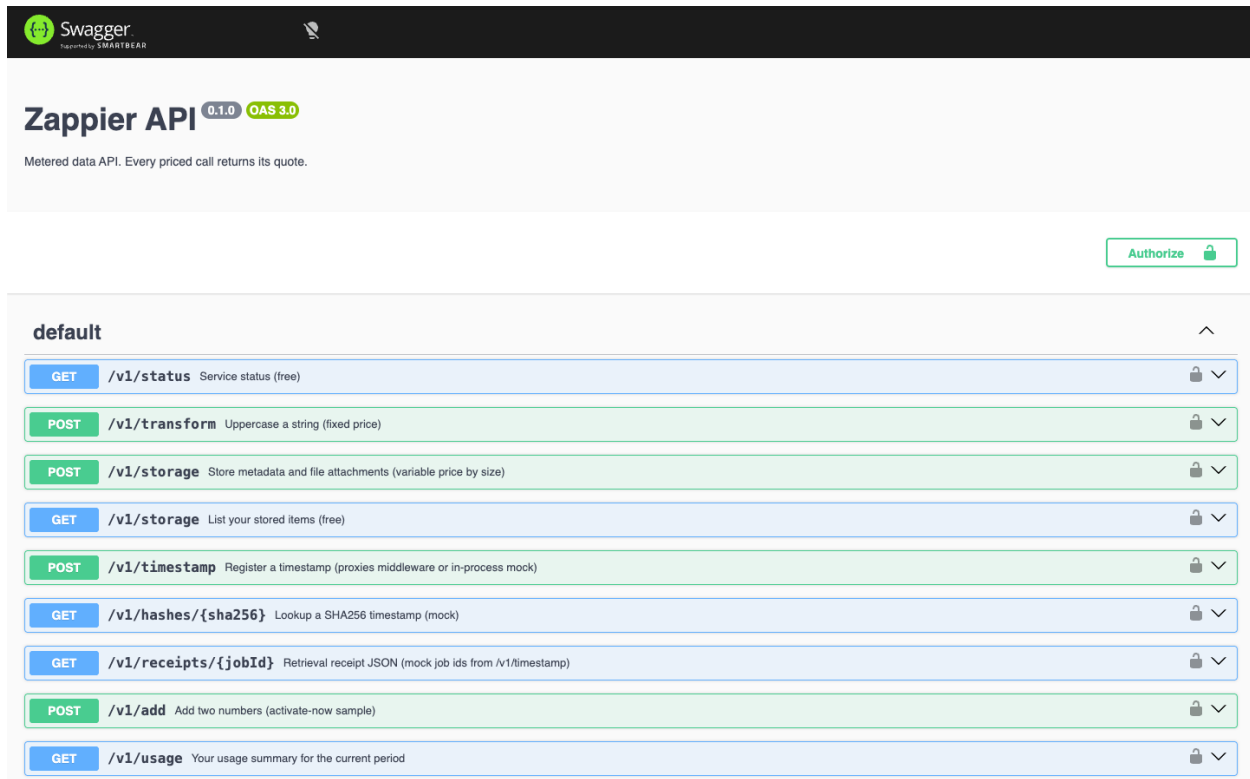
Notes that /docs is stock Swagger UI, not a designed customer surface.



20-portal-api-pricing.png

Swagger /docs (stock)

Left as vendor Swagger. Do not treat it as the customer portal.



Swagger
Powered by SMARTBEAR

Zapier API 0.1.0 OAS 3.0

Metered data API. Every priced call returns its quote.

Authorize

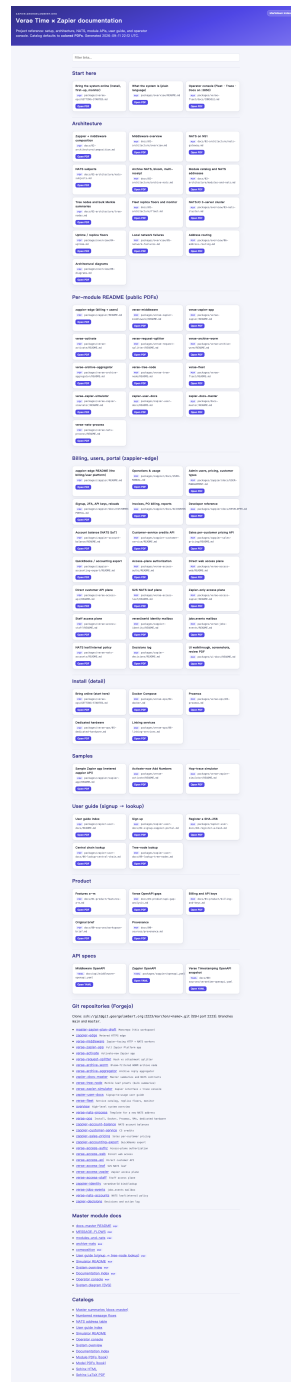
default

GET	/v1/status	Service status (free)	🔒	▼
POST	/v1/transform	Uppercase a string (fixed price)	🔒	▼
POST	/v1/storage	Store metadata and file attachments (variable price by size)	🔒	▼
GET	/v1/storage	List your stored items (free)	🔒	▼
POST	/v1/timestamp	Register a timestamp (proxies middleware or in-process mock)	🔒	▼
GET	/v1/hashes/{sha256}	Lookup a SHA256 timestamp (mock)	🔒	▼
GET	/v1/receipts/{jobId}	Retrieval receipt JSON (mock job ids from /v1/timestamp)	🔒	▼
POST	/v1/add	Add two numbers (activate-now sample)	🔒	▼
GET	/v1/usage	Your usage summary for the current period	🔒	▼

21-swagger-stock.png

PDF catalog

<https://zapier.georgelambert.org/> uses system-ui on the indigo header, not Georgia.



22-catalog.png

Live — customer portal

<https://portal.zapier.georgelambert.org/portal/> — public signup and sign-in. Let's Encrypt. Access-web on NS1.

Z Zapier

Dashboard

Invoices

Statement

Billing

Security

API & pricing

Sign out

Welcome, Docs Capture

docs-capture-1789179301597@example.com · Free plan · Stripe billing

USAGE THIS MONTH

\$0.00

INCLUDED CREDIT

\$0.00

BILLABLE

\$0.00

PREPAID BALANCE

\$0.00

Your API key

key-*****22c6

Reveal

Copy

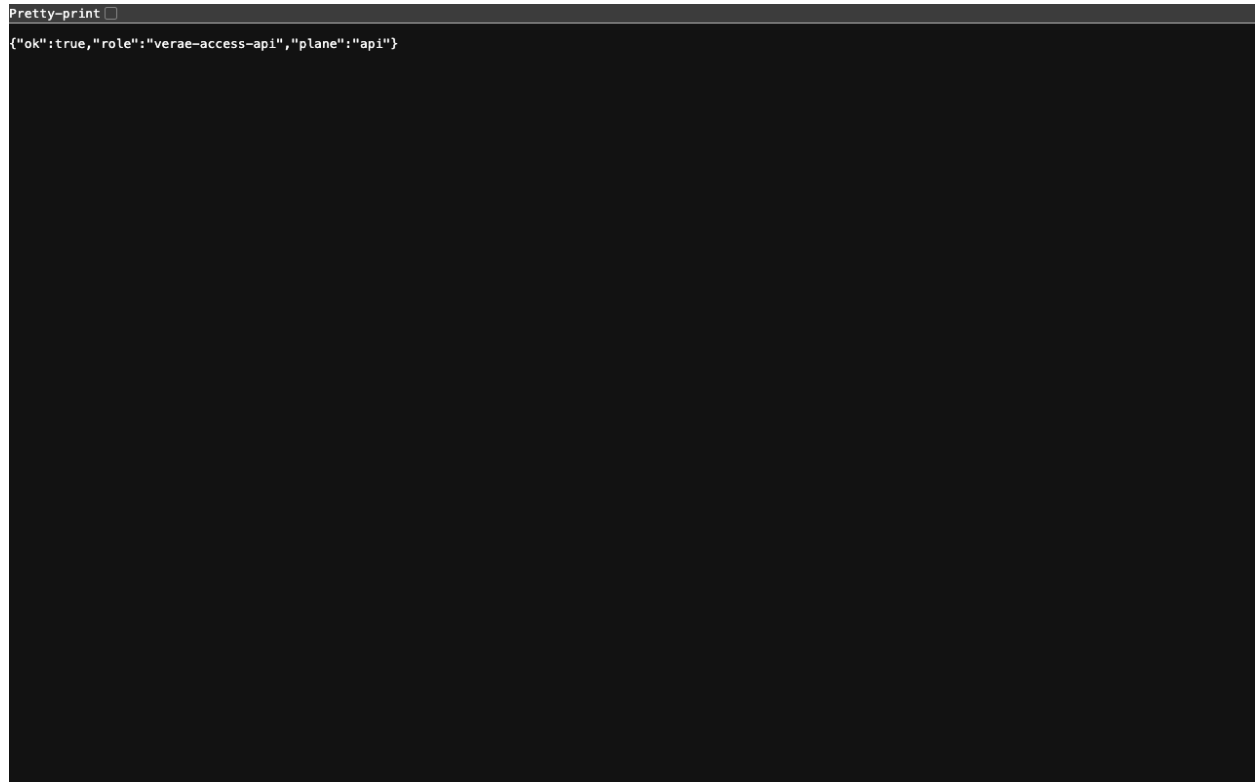
Regenerate

Send it as the `x-api-key` header. The key stays masked on screen. Copy puts the full key on the clipboard. Regenerating invalidates the old key immediately. Per-endpoint usage: none yet this month.

live/portal.png

Live — customer API

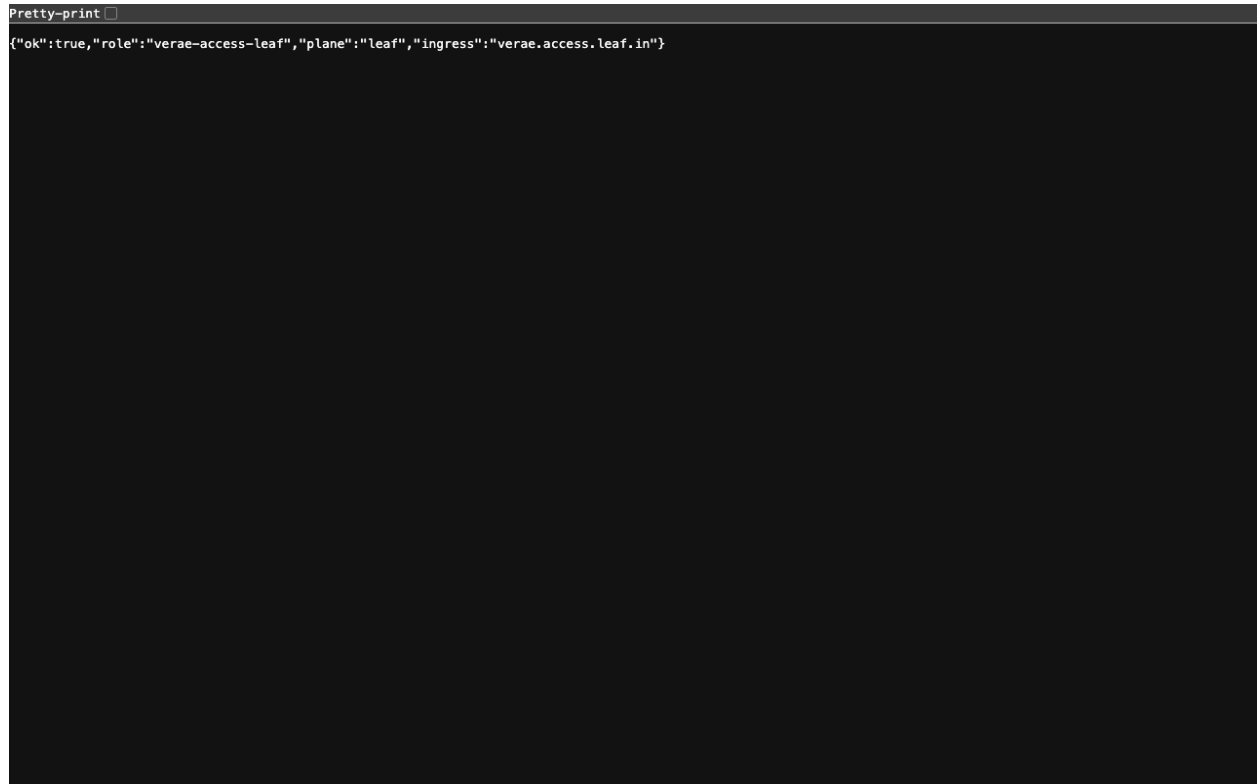
<https://api.zapier.georgelambert.org/health> — direct customer API plane (x-api-key).



live/api.png

Live — S2S leaf

<https://leaf.zapier.georgelambert.org/health> — server-to-server leaf. No billing subjects.



```
Pretty-print ☐  
{\"ok\":true,\"role\":\"verae-access-leaf\",\"plane\":\"leaf\",\"ingress\":\"verae.access.leaf.in\"}
```

live/leaf.png

Live — Zapier plane

<https://zap.zapier.georgelambert.org/health> — Zapier Platform HTTPS only. Cloud never talks to NATS.

Pretty-print ☐

```
{"ok":true,"role":"verae-access-zapier","plane":"zapier"}
```

live/zap.png

Live — staff plane

<https://staff.zapier.georgelambert.org/> — IAM login, then CS/sales/accounting door.

STAFF PLANE - AFTER AUTHZ

Staff access
CS / sales / accounting door. Review and credit go through authz, then account-balance. Amounts are dollars.

CUSTOMER

Ada (free)

Review account

Apply credit

AMOUNT (USD)

5.00

REASON

goodwill

AGENT NAME

CS

Apply credit

Credits write to account-balance. The customer sees dollars, not cents.

live/staff.png

Live — staff IAM

<https://iam.zapier.georgelambert.org/> — named users, roles, sessions. Seed admin / admin-dev-key.

INTERNAL STAFF - PERMISSIONS

Staff IAM

Owner · admin · owner

PeopleAuditRoles

People

USER	ROLES	PERMISSIONS	STATUS	
Owner admin	OWNER	all	ACTIVE	Edit
Customer service cs	CS	admin.statement, cs.credit, cs.review, staff.plane	ACTIVE	Edit
Sales sales	SALES	admin.statement, sales.quote, sales.review, staff.plane	ACTIVE	Edit
Accounting accounting	ACCOUNTING	accounting.export, accounting.review, admin.invoices, admin.statement, staff.plane	ACTIVE	Edit
Fleet operator operator	OPERATOR	fleet.operate	ACTIVE	Edit

Add staff user

Username

Display name

Password

Roles

☐ Owner

☐ IAM admin

☐ Billing admin

☐ Customer service

☐ Sales

☐ Accounting

☐ Fleet operator

☒ Read-only staff

Create

live/iam.png

Live — staff session (after IAM)

<https://login.zapier.georgelambert.org/> redirects to IAM when signed in. People, roles, audit.

INTERNAL STAFF - PERMISSIONS

Staff IAM

Owner · admin · owner

PeopleAuditRoles

People

USER	ROLES	PERMISSIONS	STATUS	
Owner admin	OWNER	all	ACTIVE	Edit
Customer service cs	CS	admin.statement, cs.credit, cs.review, staff.plane	ACTIVE	Edit
Sales sales	SALES	admin.statement, sales.quote, sales.review, staff.plane	ACTIVE	Edit
Accounting accounting	ACCOUNTING	accounting.export, accounting.review, admin.invoices, admin.statement, staff.plane	ACTIVE	Edit
Fleet operator operator	OPERATOR	fleet.operate	ACTIVE	Edit

Add staff user

Username

Display name

Password

Roles

☐ Owner

☐ IAM admin

☐ Billing admin

☐ Customer service

☐ Sales

☐ Accounting

☐ Fleet operator

☒ Read-only staff

Create

live/login.png

Live — customer service

<https://cs.zapier.georgelambert.org/> — review prepaid and credit in USD after IAM.

STAFF · CUSTOMER SERVICE

Customer service
Look up a customer by name. Review prepaid balance, credits, usage, and payments. Credit amounts are in dollars.

CUSTOMER

Review account

Apply credit

AMOUNT (USD)

REASON

AGENT NAME

Apply credit

Credits write to account-balance. The customer sees dollars, not cents.

live/cs.png

Live — sales

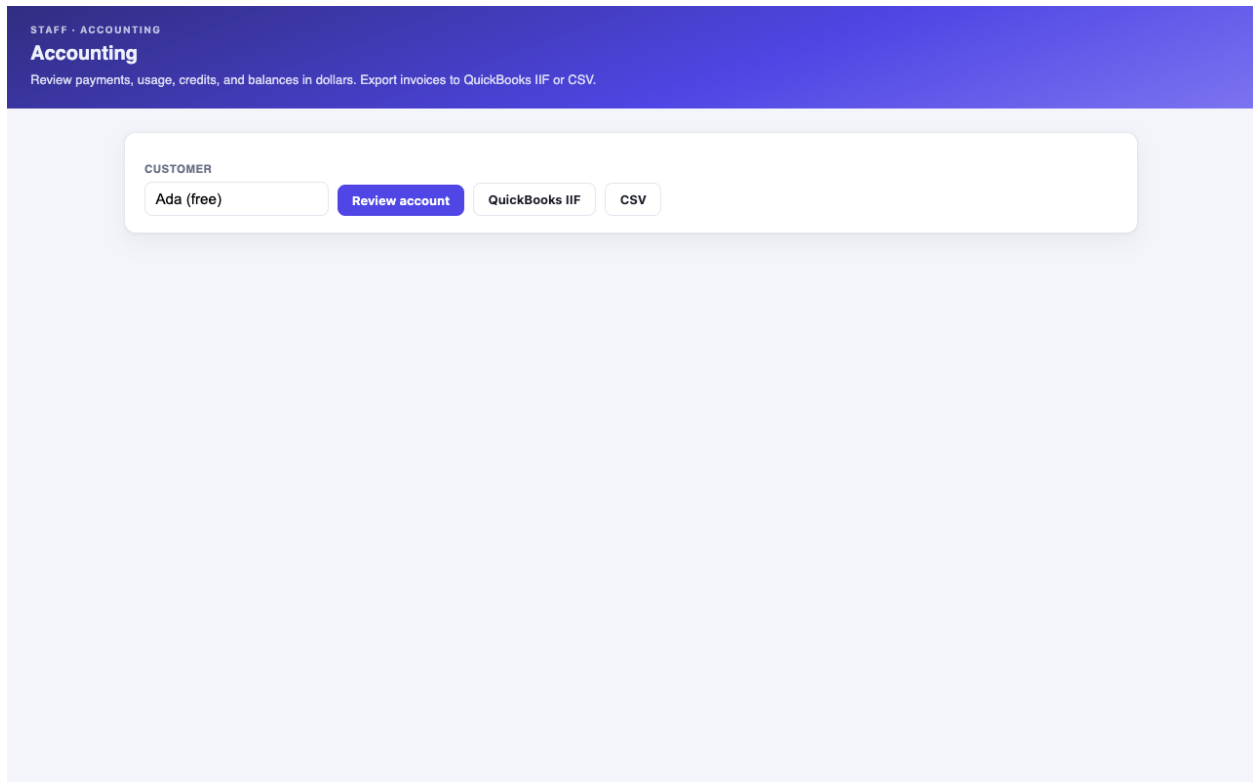
<https://sales.zapier.georgelambert.org/> — per-customer quote after IAM.

The screenshot shows a web application interface for 'Sales'. At the top, there is a dark blue header bar with the text 'STAFF · SALES' in small white letters. Below this, the word 'Sales' is written in a larger, bold white font. Underneath 'Sales', there is a line of smaller white text: 'Review a customer's balance, credits, usage, and payments. Open a quote with names and dollar amounts — not a JSON dump.' Below the header, the main content area has a light blue background. In the upper part of this area, there is a white rounded rectangle. Inside this rectangle, the word 'CUSTOMER' is written in small, dark blue letters. Below 'CUSTOMER', there is a text input field containing the text 'Ada (free)'. To the right of the input field, there are two buttons: a blue button with white text 'Review account' and a white button with a blue border and blue text 'Show quote'.

live/sales.png

Live — accounting

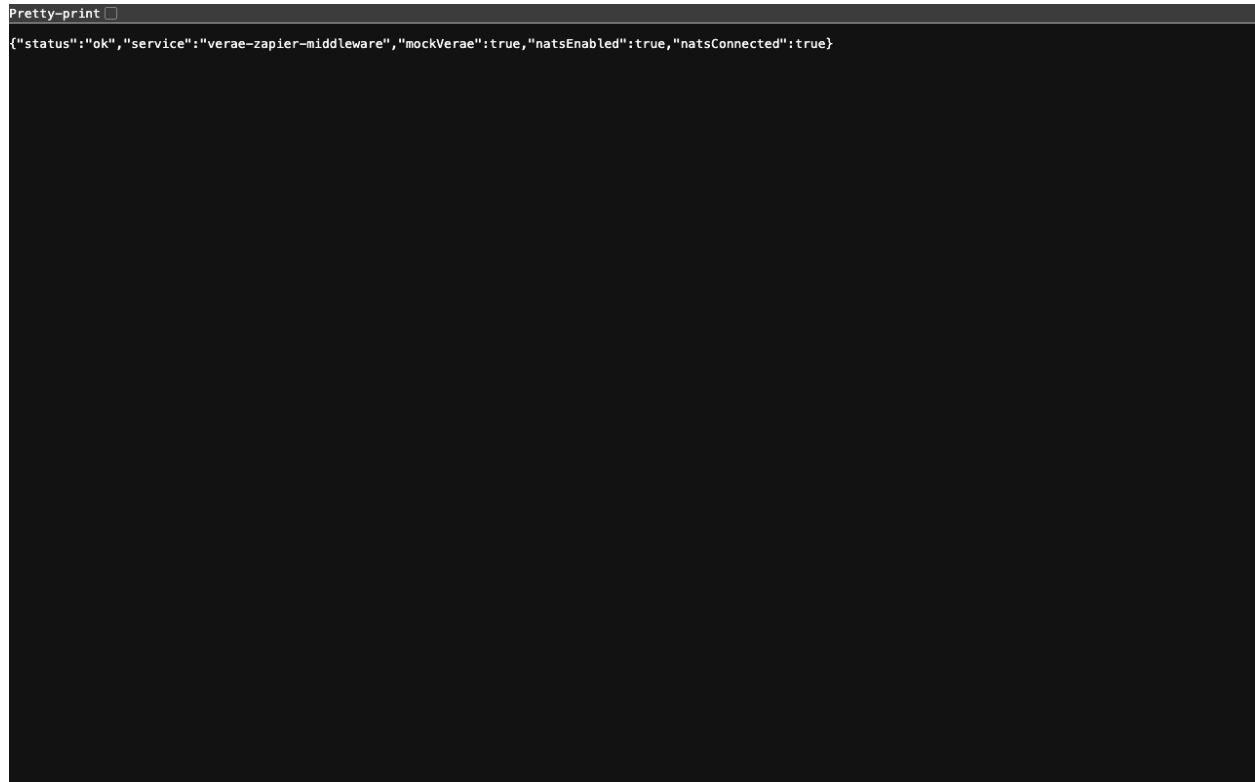
<https://acct.zapier.georgelambert.org/> — QuickBooks IIF / CSV after IAM.



live/acct.png

Live — middleware

<https://mw.zapier.georgelambert.org/health> — /zapier/v1, jobs, archive, MOCK_VERAE in lab.



live/mw.png

Live — operator console

https://fleet.zapier.georgelambert.org/ — Fleet / Trace / Docs. Pause/stop honored by keep.

OPERATOR LAN · BINDS 0.0.0.0:3850

Verae operator console

Fleet, message trace, and docs in one shell. HTTP listens on all interfaces; NATS stays private. Pause does not count toward replica floors. SSH keys stay on disk.

FleetTraceDocs

probe 2026-09-12T02:14:34.928Z · NATS nats://127.0.0.1:4222 · HTTP 0.0.0.0:3850

MACHINES

id	host	kind	user	ssh port	capacity
ns1-b	70.88.205.138	ssh	marchon	22	8

identity file (path on this host)

~/ssh/id_ed25519

Choose FileNo ..osen

roles

☐ *

☒ tree-node

☒ archive-worm

☐ archive-aggregator

☐ job-poller

☐ webhook-deliver

☐ nats

☐ edge

Add machine

localOPERATIONAL

Control plane (this host)

127.0.0.1

local · 16/32 running · 16 avail

*

disable

ns1DISABLED

NS1.GEORGELAMBERT.ORG

marchon@70.88.205.138

ssh · 0/24 running · 0 avail

TREE-NODEARCHIVE-WORMARCHIVE-AGGREGATORJOB-POLLERWEBHOOK-DELIVER

enablessh-check

lan-134DISABLED

70.88.205.134

marchon@70.88.205.134

ssh · 0/12 running · 0 avail

TREE-NODEARCHIVE-WORM

enablessh-check

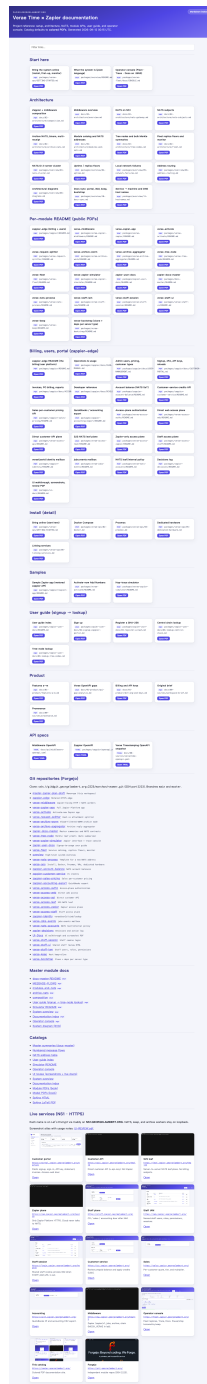
SERVICES

SERVICE	HEALTH	FLOOR	RTT	INSTANCES	POWER
---------	--------	-------	-----	-----------	-------

live/fleet.png

Live — documentation catalog

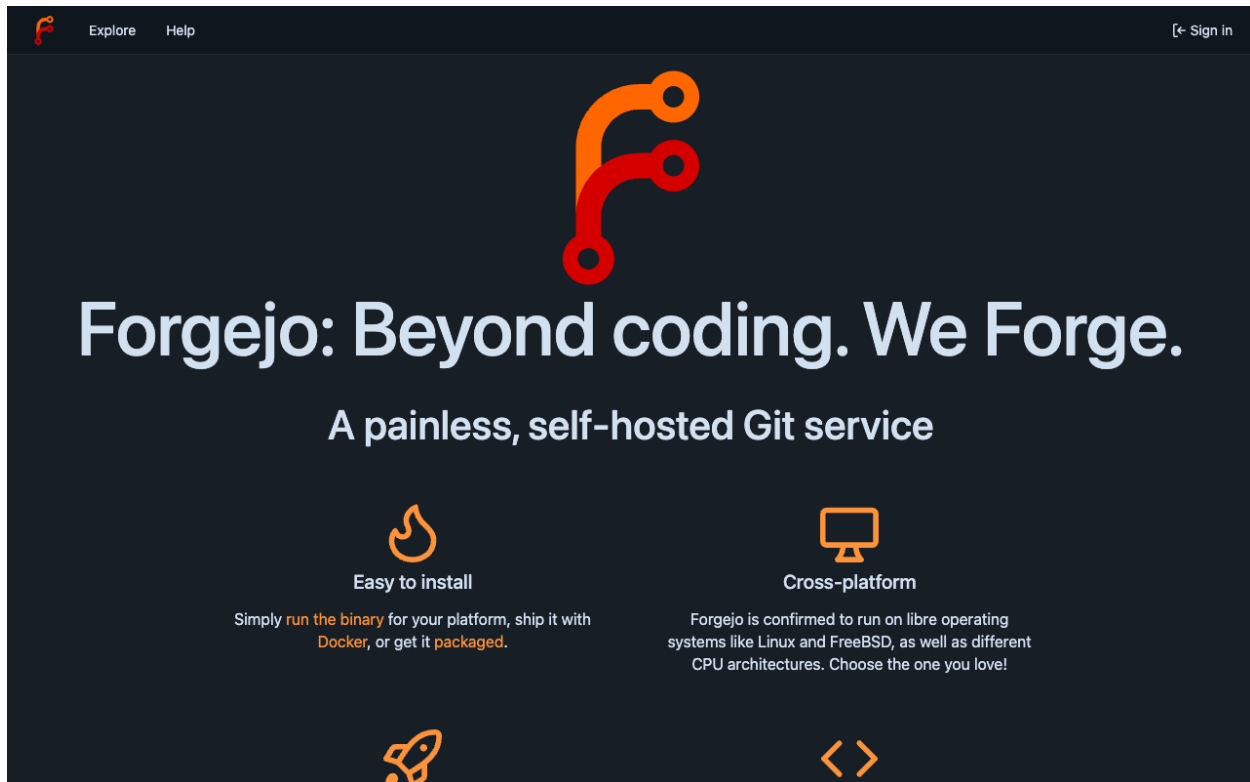
<https://zapier.georgelambert.org/> — colored PDF catalog. Live service cards at the bottom.



live/docs.png

Live — Forgejo

<https://git.georgelambert.org/> — independent module repos, SSH port 2223.



live/git.png

Revalidation

Second full walkthrough after favicon, amount-column alignment, and Fleet form/overflow fixes: 32 screenshots, 0 application console errors. Surfaces are visually consistent (indigo, 12px radius, dollars). Tasks (review, credit, quote, edit customer, mask key, run trace) are obvious from primary buttons. Remaining work is identity join, staff auth, and catalog IA — listed above.