

zapier.georgelambert.org · Markdown indexes

VERAE TIME x ZAPIER

o6 address routing

<site/overview/06-address-routing.md>

6. Address routing (including unplanned functions)

NATS **addresses** (subjects) are the extension point. A new search, store, or job type is a new address plus a process that listens — not a new Zapier TCP client.

Pattern

```
verae.<area>.<resource>.<action>  
verae.<area>.<resource>.reply.<correlationId>
```

Piece	Example	Meaning
verae	—	Verae bus (not Zapier)
area	zapier, archive, search, store	Product slice
resource	jobs, hashes, blobs	Noun
action	watch, query, put, in	Verb
reply.<id>	—	Correlated response

Queue group (work sharing): `area-resource-action` (e.g. `job-poller`).

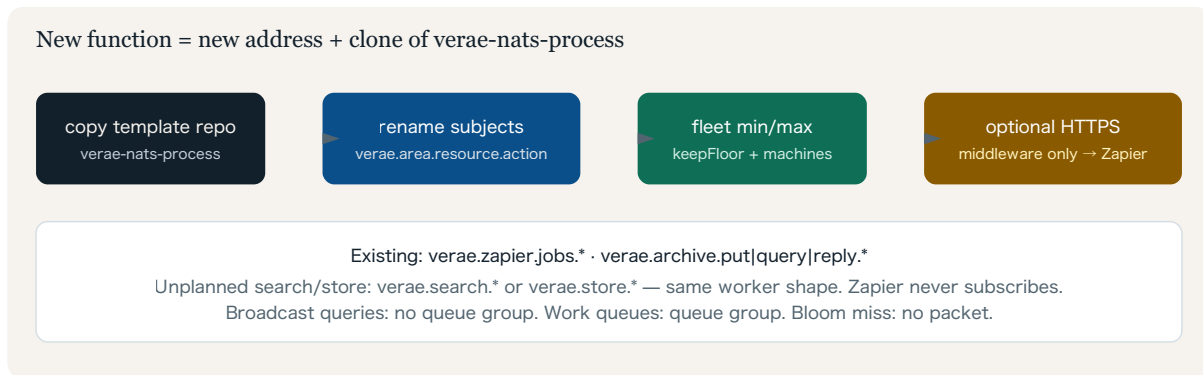
No queue group (fan-out): archive/tree **query** so every node sees every lookup.

Adding something that does not exist yet

1. Copy the independent repo `verae-nats-process` (`packages/verae-nats-process`).
2. Rename `verae.example.process.in` / `.out` / `.reply.*` in `src/subjects.js`.
3. Add a row to that repo's `ROUTING.md` and to `INDEX.md`.
4. Register the process in `verae-fleet` (`min` / `max`, machines, roles).

5. If Zapier must call it, add **one HTTPS route** on middleware — Zapier still never sees NATS.

Do **not** invent a public NATS URL for Zapier. Do **not** reuse `verae.archive.query` as a queue group.



Address expansion