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VERAE TIME × ZAPIER

# billing nats

site/docs/modules/zapier/billing-nats.md

## zapier/billing-nats

**Package:** zapier**Source:** packages/zapier/src/billing-nats.ts**Lines:** 138

## What this module is

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Implementation module in `zapier`. The tables below are extracted from the source (signatures + JSDoc).

## Exports

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`BILLING_SUBJECTS`, `AUTHZ_CHECK`, `AccessPlane`, `BillingStatement`, `natsStatement`, `natsAdjust`, `natsPublish`

## Types / interfaces / classes

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| Kind | Name                          |
|------|-------------------------------|
| type | <code>AccessPlane</code>      |
| type | <code>BillingStatement</code> |
| type | <code>Nc</code>               |

## Functions

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| Name          | Parameters                                                                                                                                                                          | Param types (JSDoc) | Returns | Calls (same file / helpers) |
|---------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------|---------|-----------------------------|
| nc            | (none)                                                                                                                                                                              | —                   | unknown | see Call graph              |
| encode        | obj: unknown                                                                                                                                                                        | —                   | unknown | see Call graph              |
| decode        | buf: Uint8Array                                                                                                                                                                     | —                   | unknown | see Call graph              |
| authzAllow    | plane:<br>AccessPlane,<br>subject: string,<br>extra:<br>{ principal?:<br>string; kind?:<br>string;<br>veraeUserId?:<br>string } = {},                                               | —                   | unknown | see Call graph              |
| natsStatement | customerId:<br>string, plane:<br>AccessPlane =<br>'web',<br>veraeUserId?:<br>string,                                                                                                | —                   | unknown | see Call graph              |
| natsAdjust    | payload:<br>{ customerId:<br>string;<br>veraeUserId?:<br>string; cents:<br>number;<br>reason:<br>string; agent:<br>string; kind?:<br>string; },<br>plane: AccessPlane<br>= 'staff', | —                   | unknown | see Call graph              |
| natsPublish   | subject: string,<br>payload: unknown,<br>plane: AccessPlane<br>= 'api'                                                                                                              | —                   | unknown | see Call graph              |

## Methods (class / object)

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| Name | Parameters |
|------|------------|
| void | async (    |

## What it imports / requires

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*No imports detected.*

## Call graph (identifiers invoked)

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`unset`, `nc`, `async`, `import`, `connect`, `split`, `encode`, `stringify`, `decode`, `parse`, `authzAllow`, `request`, `fetch`, `replace`, `json`, `natsStatement`, `natsAdjust`, `natsPublish`, `void`, `publish`

Each identifier is a call site in this file. Follow the import list to see the defining module; open that module's MD for parameter and return types.

## Return values (how to read this)

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- HTTP route handlers return Express `res.json(...)` bodies (see route docs).
- Zapier `perform` functions return a **single object** (creates) or an **array** (triggers/searches).
- Pricing functions return integer **cents** on `Quote.totalCents`.