

mailserver

poste mailserver (poste.io)

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Issue: HTTP 500 Error on User Creation (Poste.io v2.3.10)

The Problem

When attempting to create a new email account via the Poste.io administration panel, the system returned an **HTTP 500 Internal Server Error**.

The Root Cause (verified)

The failure was a **database schema integrity violation** within the SQLite backend. Specifically:

- **Database File:** `users.db`
- **The Error:** `NOT NULL constraint failed: users.internalOnly`
- **The Conflict:** The database schema for the `users` table required a value for the `internalOnly` column (set to `NOT NULL`). However, the web administration form in version 2.3.10 was not sending a value for this field during the `INSERT` operation. Because no default value was defined in the schema, the database rejected the transaction, crashing the PHP process.

The Solution

The issue was resolved by manually altering the SQLite database schema to provide a default value for the problematic column. This allows the database to accept the form submission even when the `internalOnly` flag is missing.

Step-by-Step Resolution:

1. **Located the correct database:** Identified `users.db` in the `/data` directory as the host of the `users` table.
2. **Modified the Schema:** Performed a table reconstruction to add a `DEFAULT` constraint:

- Created a temporary table with the correct schema: `internalOnly BOOLEAN NOT NULL DEFAULT 0`.
 - Migrated all existing user data to the new structure.
 - Restored the original table name and all associated indexes (`IDX_1483A5E98DFE9A8`, `login`, `search`, etc.).
3. **Result:** The "Submit" action now succeeds because the database automatically populates the `internalOnly` field with `0` when the application fails to provide it.

The screen will look like this after successfully adding the user

poste.io mailserver Webmail Logout

Dashboard

Email accounts

Virtual domains

Quarantine

Delivery queue

Blacklist/Whitelist

Server status

System settings

My account

API

Email successfully created

Statistics

Today: ↓ 0 ↑ 0 Yesterday: ↓ 0 ↑ 0 30 days: ↓ 0 ↑ 0 Average: ↓ 0/day ↑ 0/day

Basic information

Name	testuser2026053
Home	/data/domains/██████████
Disabled account	✘ no
Domain administrator	✘ no

“ **Note:** No service restart was required as SQLite handles schema changes dynamically for new connections

Version **2.3.10 FREE # 1984**

Latest available version **2.5.12**