Tairuma Node Guide v3.1 (English)

Welcome to the Tairuma network. By running this node, you become part of the forest, helping to sustain the economy of trust.

Token Value

1 Numa = 1EUR (reference value)

This helps you set fair prices. A service worth 20EUR = 20 Numas. New users receive 100 Numas (~ 100EUR) to start trading immediately.

Requirements

- **OS**: Windows 10/11, macOS, or Linux.
- **Python**: Version 3.10 or higher.

Installation & Run

Windows

1. Unzip the file into a folder.
2. Run `INICIAR_BOSQUE.bat` (Double-click).
3. The script will auto-setup everything. **Keep the window open**.
4. Your browser will open at `http://localhost:9500`.

macOS / Linux

1. Open a terminal and go to the folder: `cd path/to/tairuma`.
2. Run: `chmod +x run_node.sh && ./run_node.sh`.

Getting Started

1. **Register**: Use an **Invitation Code** from another user (e.g., `Numa_Fundador`).
2. **Seed Phrase**: Save your 12 words securely. They are your only key. **Never share

them.**

3. **Profile**: Set your "Zone" to see local trade in your neighborhood.

Security (v3.1)

- **JWT Auth**: Sessions are protected with signed tokens (72h validity).
- **Secure Transfers**: Only you can send from your account.
- **Protected Chat**: Nobody can send messages as you.
- **Validated P2P**: Nodes only accept valid URLs with rate limiting.

The Economic Forest (P2P Network)

Tairuma is a decentralized P2P network:

- **Discovery**: Nodes find each other automatically (gossip protocol).
- **Independence**: Each node has its own database. Nobody can modify your balance remotely.
- **Security**: Nodes validate URLs and limit announcements to prevent attacks.

Docker (Optional)

docker build -t tairuma .

docker run -p 9500:9500 -v ./tairuma.db:/app/tairuma.db tairuma

Troubleshooting

- **"Connection Error"**: Ensure `INICIAR_BOSQUE.bat` is still running.
- **Python**: If auto-install fails, download it from `python.org`.
- **Port in use**: Change it with `PORT=9501`.

Thank you for sowing trust. ?