

2025

INFRA402

**QWEN BASE SKYST HACKATHON
BY FLOCK.IO**



WHAT IS A PROBLEM?



KYC & PAYMENTS

Account signup, card registration,
KYC checks before access.



ENTERPRISE-FRIENDLY

Heavy consoles, complex workflows,
high friction for small users.



RESOURCE PROVIDER

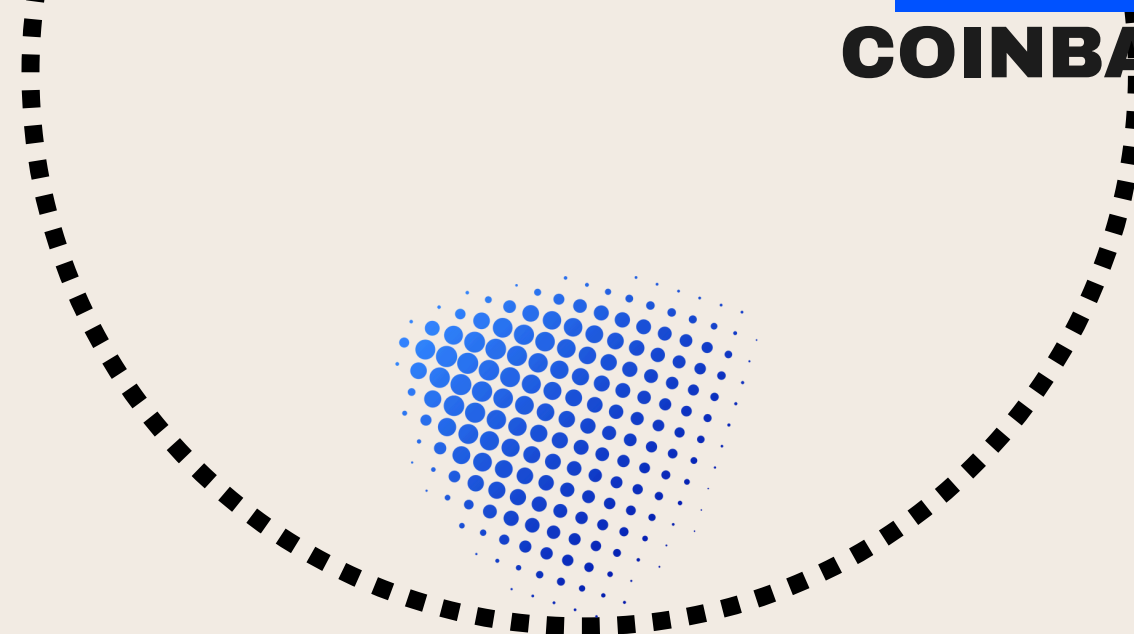
DIY access control, metering,
billing, and permission revocation.

INTRODUCING INFRA402

X402 PROTOCOL

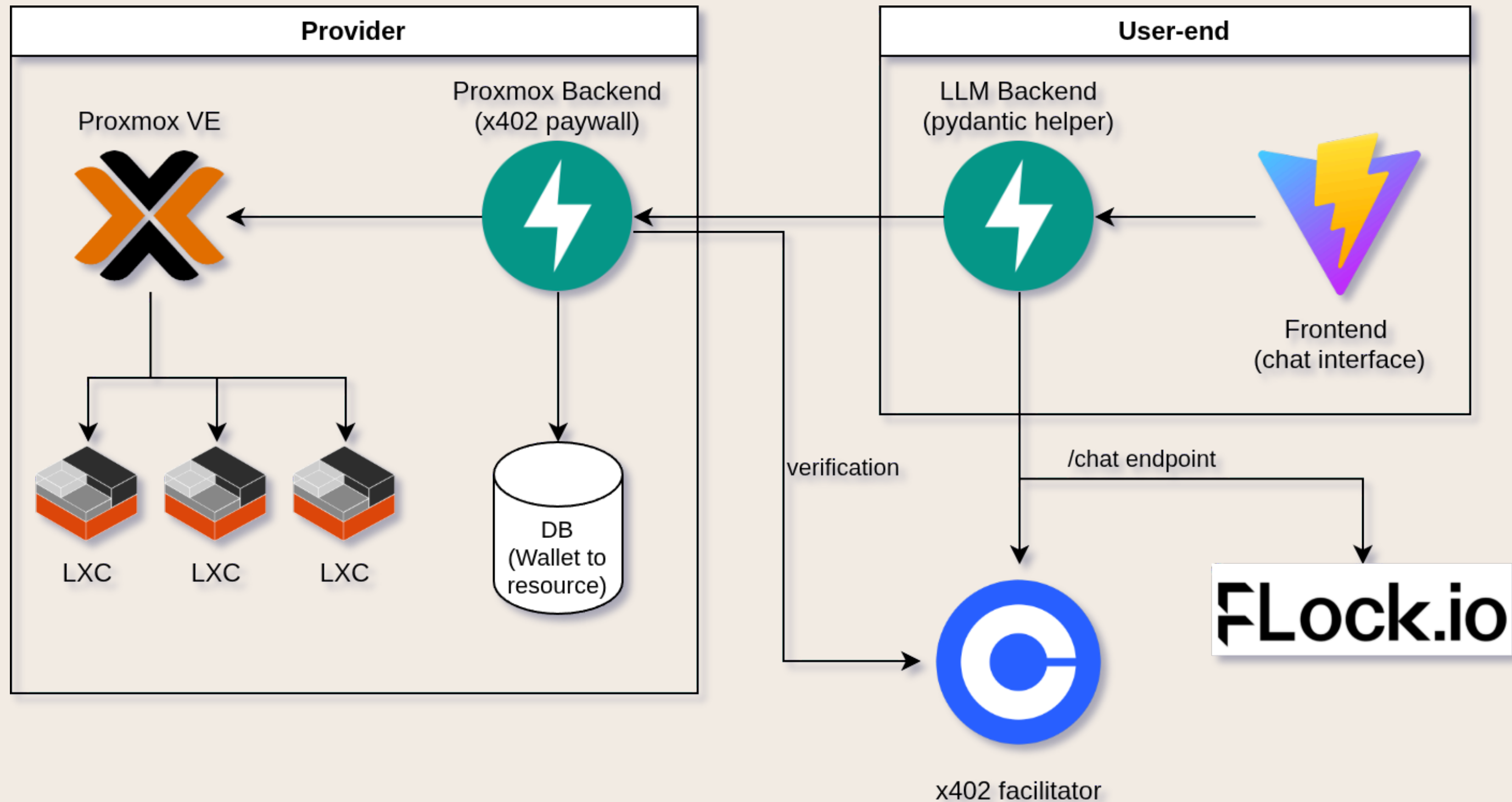


COINBASE WALLET



Flock.io

SYSTEM ARCHITECTURE



DEMO SESSION

The screenshot displays a demo session with two main components: a chat interface on the left and a Proxmox Virtual Environment (VE) management console on the right.

Chat Interface (Left):

- Model: qwen3-235b-a22b-instruct-2507
- API Key: sk-C...Ga_w
- Chat history:
 - i402: hello! how can I help you?
 - You: hi, what can you do?
- Model status: Model is thinking...
- Input field: Ask something...
- Buttons: Sending...

Proxmox Virtual Environment (Right):

Proxmox Virtual Environment 9.0.11

Server View | Datacenter

Datacenter View:

- roxy
 - 103 (lxc-test-3b572b)
 - 104 (basic-lxc-3b1a47)
 - 105 (test-yeah-314dfe)
 - 100 (pfSense)
 - 101 (mihari)
 - 102 (mahiro)
 - localnetwork (roxy)
 - local (roxy)
 - local-lvm (roxy)

Search Results:

Type	Description
lxc	103 (lxc-test-3b572b)
lxc	104 (basic-lxc-3b1a47)
lxc	105 (test-yeah-314dfe)
node	roxy
qemu	100 (pfSense)
qemu	101 (mihari)
qemu	102 (mahiro)
sdn	localnetwork (roxy)
storage	local (roxy)
storage	local-lvm (roxy)

Tasks:

Start Time	End Time	Node	User name	De:	Status
Nov 28 15:29:36	Nov 28 15:29:38	roxy	root@pam	CT 11	OK
Nov 28 05:11:25	Nov 28 05:11:28	roxy	root@pam	Upda	OK

01

FRICTIONLESS ONBOARDING

**Rent and manage in seconds
with just a chatbot**

03

AUTOMATED OPERATIONS

**x402-powered paywall
automates provisioning,
metering, and reclamation**

02

PRIVACY BY DESIGN

**Pseudonymous, wallet-native
payments on Base instead of
traditional KYC**

04

SCALABILITY & EXTENSIBILITY

**Anyone can list and monetize
spare resources, creating a
long-tail, on-demand
infrastructure layer**

UNDERSTANDING AND BUILD

EXPECTED IMPACT

TEAM INTRODUCTION



YEONGMIN JO

INFRASTRUCTURE ENGINEER

[2025 - PRESENT]
MEMBER, @ PDAO

[2025] OPEN SOURCE
DEVELOPER
COMPETITION NOMINEE

HOMELABBER

UG STUDENT,
SANGMYUNG UNIV.



SANGHYEOK CHOI

VIBE CODER

[2025 - PRESENT]
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KOREA

[2025]
3RD PRIZE IN 2ND MONAD
BLITZ SEOUL

UG STUDENT, SANGMYUNG
UNIV.

LET'S BUILD SOMETHING THAT LASTS

THANKYOU

LET'S BUILD SOMETHING THAT LASTS, OR FURTHER DISCUSSIONS:

Infra402

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