Why Edith — and where Privy, Alchemy, and Infura fit.

Edith is the backend for onboarding new users to **HyperEVM** — gasless relaying, one-signature smart accounts, and swaps, behind **one API key**, billed against a **prepaid USD balance**. It also runs on any EVM chain and Solana. The vendors it gets compared to mostly live at **different layers of the stack** — this brief maps who does what, honestly.

01 Different layers, not one market

Wallet & identity	How a user gets a wallet: embedded wallets, social login, key management.	Privy (Stripe) · complements Edith
Onboarding backend	What that user **does**: gasless relaying, smart accounts, swaps, yield — one key, USD-metered.	Edith — Photon · Vector · Meadow
Developer platform	Toolkits you assemble yourself: RPC, gas policies, smart-wallet SDKs, data APIs.	Alchemy
Node / RPC pipes	Raw chain access. Edith runs **on top of** this layer — it isn't a competitor to it.	Infura · QuickNode · Alchemy RPC · public

Rule of thumb: Privy answers "how does my user get a wallet?"; Edith answers "how do their transactions run without gas — and how do they swap and earn?" Most teams building on Hyperliquid would use both.

02 Capability map

	Edith	Privy	Alchemy	Infura
Category	Onboarding backend (relay · swap · yield)	Embedded wallets + auth	Dev platform (RPC + toolkits)	RPC infrastructure
Gas sponsorship	✓ Core product — relayer signs & pays, USD-metered per tx	◐ policies for its embedded wallets	◐ Gas Manager (assemble yourself)	—
Smart accounts	✓ ERC-4337 + EIP-7702, verified against EntryPoint v0.7 bytecode	◐ via embedded wallet stack	◐ smart-wallet toolkit	—
Embedded wallets / social auth	— by design — pair with Privy	✓ core product	◐	—
Swap routing + gasless swaps	✓ Vector — ranked routes, Permit2 gasless execution	—	—	—
Yield routing	✓ Meadow — solver auction, one-signature EIP-7702 deposits	—	—	—
HyperEVM (998/999)	✓ Managed backend: gasless relay + swaps + yield, gas paid in HYPE, billed in USD	◐ wallets work on HyperEVM	◐ RPC + gas-policy components	— not offered*
Hyperliquid Core (advanced)	✓ Core actions, agent wallets, Core-spot quotes, Core yield venues	—	— no HyperCore infrastructure	—
Multi-chain	Any EVM + Solana	Broad (wallet layer)	Broad	Broad
Billing model	Prepaid USD balance; per-tx `costUSD` metering — users never hold gas	SaaS + usage	Compute units	Request quotas
Integration shape	One API key; three composable HTTP APIs	Frontend SDK	Assemble several products + your own backend	RPC endpoints

* Not listed among Hyperliquid RPC providers as of August 2026 — verify current vendor documentation. ◐ = offered, but as a component you integrate rather than a managed outcome.

03 The honest guide — when to pick whom

Pick Privy for the wallet layer — alongside Edith

Social login, embedded wallets, key custody UX. It's the answer to "no seed-phrase lecture." It is not an execution backend: no routing, no yield, no USD-metered relay accounting, no Hyperliquid-specific rails. **Privy for the wallet, Edith for the transactions** — a natural pairing, not a choice.

Pick Alchemy to assemble your own stack

Excellent, battle-tested components — RPC (including HyperEVM), gas policies, smart-wallet SDK. You still build the relayer, USD accounting, swap routing, and yield glue yourself, and there's no HyperCore infrastructure. Weeks of assembly vs. Edith's assembled outcome behind one key.

Pick Infura for pipes — it's not this category

Infura is RPC access, and a good choice for it. It doesn't sponsor gas, issue smart accounts, route swaps, or meter USD billing. Edith consumes RPC; it doesn't compete with it. If a comparison starts with Infura, the category is being misread.

Pick Edith when onboarding to HyperEVM is the job

Your users hit the gas cliff on HyperEVM and you want it gone this week, not after building a relayer + paymaster policy + accounting + router. One key: sign → relayed gaslessly → swap → earn. And when you need Hyperliquid's Core layer (trading, Core-native yield), it's already wired in.

Why teams pick Edith

- → **An outcome, not a toolkit.** Alchemy hands you components; Edith is the assembled onboarding backend — relay, smart accounts, swaps, and yield already composed through one account, one prepaid USD balance, one status surface. Days to integrate instead of weeks of glue.
- → **Hyperliquid-native depth nobody else has.** Others sell components on HyperEVM (RPC, gas policies); Edith is the managed backend — gasless relaying billed in USD, ERC-4337 smart accounts verified against real EntryPoint v0.7 bytecode, swaps and yield — plus the **only managed path to Hyperliquid's Core layer** (actions, agent wallets, Core-spot, Core yield) when you're ready for it. For generalists, Hyperliquid is one chain of hundreds; for Edith it's the product.
- → **Value composes.** Onboarding is the wedge, not the business: the same key that relays a user's first gasless transaction routes their swaps and their yield. One integration keeps earning its keep as your users go from "on-chain" to "active."

The one-line version: **"Infura is the pipe. Alchemy is the toolkit. Privy is the wallet. Edith is the onboarding backend — and the only one where Hyperliquid is the whole product."**