

DeVpn Whitepaper

Decentralized VPN Protocol — Direct Connections, Token Rewards, Community Governance

v2.0 — March 2026 | DVPN LLC — New York

Key Facts: 77% cheaper (\$3/mo vs \$12.99/mo) • Direct WireGuard • 7+ countries • Up to \$1,456/mo provider earnings • 10% staking APY • Community governance • iOS, Android, Windows • Hardware nodes from \$149

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1. Executive Summary

DeVpn is the world's first truly decentralized VPN with a working iOS app, Windows desktop client, plug-and-play hardware nodes, and a token rewards system on Solana. Users connect directly to community-run provider nodes with zero intermediaries.

Privacy is guaranteed by architecture, not policy. The control plane coordinates sessions but never touches user traffic. Providers earn DVPN tokens. Stakers unlock discounts, governance voting, and 10% APY.

2. The Problem

- **Centralized infrastructure** — single points of failure, surveillance targets
- **Unverifiable no-logs claims** — multiple providers caught logging user data
- **Expensive** — NordVPN \$12.99/mo, ExpressVPN \$12.95/mo, Surfshark \$12.95/mo
- **No user ownership** — zero say in operations, features, or pricing

3. The Solution

User traffic routes directly from user to provider via encrypted WireGuard tunnel. The control plane handles only session coordination and registry. No logs by default — traffic never passes through DeVpn infrastructure.

- Direct peer-to-peer connections via WireGuard
- Community-run provider nodes earn DVPN tokens
- Hardware nodes: plug in, auto-register, auto-earn
- UPnP automatic port forwarding — no manual config needed

4. Architecture

User → Provider (direct WireGuard) → Internet. CP1 = Registry/Coordinator only.

Protocol: WireGuard (Noise framework, ChaCha20, Poly1305, Curve25519). Perfect forward secrecy. Sub-millisecond handshakes.

Security: Rate limiting, CORS, JWT auth, Stripe webhook verification. All API endpoints authenticated. Admin routes require separate token.

Infrastructure: FastAPI backend, PostgreSQL database, Cloudflare proxy, DigitalOcean + IONOS exit nodes across US, UK, Germany, Spain, France.

5. DVPN Token

SPL token on Solana. Total supply: 1 billion DVPN. Used for rewards, staking, governance, and VPN discounts.

Allocation	Amount	%
Node Rewards	420M	42%
Treasury/Dev	150M	15%
Investor Vesting	120M	12%
Team Vesting	120M	12%
Community	80M	8%
Liquidity	80M	8%
Advisor	30M	3%

6. Provider Rewards

Dual earning model: daily availability pool (10,000 DVPN distributed daily) + per-GB data bonus (1 DVPN per GB routed). Formula: ~\$56 + (speed × \$1.4)/mo.

6.1 Speed Tiers

Tier	Speed	Multiplier	Est. Monthly
Bronze	0-50 Mbps	0.50x	~\$126
Silver	51-100 Mbps	0.75x	~\$196
Gold	101-250 Mbps	1.00x	~\$406
Platinum	251-500 Mbps	1.25x	~\$756
Diamond	501+ Mbps	1.50x	~\$1,456

Minimum speed: 10 Mbps. Below 10 Mbps = ineligible for rewards.

6.2 Hardware Nodes

Plug-and-play Raspberry Pi nodes from \$149. Auto-register on first boot, UPnP port forwarding, start earning immediately. SD Card option (\$25) for existing Pi owners.

7. Staking

7.1 User Tiers

Tier	Stake	Discount	Vote	Benefits
Explorer	125 DVPN	10%	1x	Voting rights
Guardian	500 DVPN	25%	2x	Priority servers
Sentinel	1,250 DVPN	50%	5x	Free dedicated IP, submit proposals
Architect	5,000 DVPN	100%	10x	Free VPN, revenue share

7.2 Provider Tiers

Tier	Stake	Priority	Benefits
Basic	0 DVPN	1.0x	Standard routing
Verified	250 DVPN	1.5x	Badge, priority traffic
Trusted	1,250 DVPN	2.0x	Badge, dedicated IP eligible
Elite	5,000 DVPN	3.0x	Featured, governance access

APY: 10% annually, daily auto-compound. 7-day unstake cooldown. Slashing for provable bad behavior (logging, packet manipulation).

8. Governance

On-chain governance where voting power = stake × tier multiplier. Explorer+ can vote, Sentinel+ can submit proposals. 14-day voting periods.

8.1 Team Vesting (Milestone-Based)

Team tokens unlock based on network growth milestones, not arbitrary dates:

Tranche	Amount	Unlock Condition
1 (10%)	12M DVPN	500 active providers
2 (10%)	12M DVPN	5,000 active providers
3 (10%)	12M DVPN	10,000 active providers
4 (70%)	84M DVPN	March 2031 (time-locked)

8.2 Vested Token Rules

- Vested tokens CAN vote (prevents governance vacuum)

- Vested tokens do NOT earn staking APY
- All vested votes are publicly labeled — full transparency
- Max 3 active proposals per user at any time

8.3 Community Safeguards

- **Community Veto:** If 80%+ of non-vested voters oppose a proposal, it triggers a 30-day review period
- **Emergency Proposals:** Any Sentinel+ can flag critical issues for expedited 48-hour review
- **Transparency:** All votes, vesting status, and unlock progress publicly visible at devpn.org/governance

8.4 Decentralization Timeline

As milestones are reached and tokens vest, community voting power naturally increases relative to team voting power. By 10,000 providers, only 30% of team tokens are unlocked. The remaining 70% stays locked until 2031 — ensuring the community controls governance during the critical growth phase.

9. Bounty Program

Community contributions earn DVPN tokens:

- Bug Report: **250 DVPN**
- Feature Suggestion (implemented): **500 DVPN**
- Tutorial / Guide: **300 DVPN**
- Translation: **200 DVPN**

Submit via devpn.org/governance with proof (screenshots, links, video).

10. Pricing

VPN Plans: \$0.15/GB, \$1/day, \$2/week, \$3/month, \$12.99/year. Free tier available.

Early Adopter Pricing: \$1/yr (first 1K users), \$2/yr (next 4K), \$5/yr (next 5K), renew at \$12/yr for life.

Hardware: Node \$149, Node Pro \$199, SD Card \$25.

Add-ons: Family Filter \$0.50/mo, Ad Blocker \$1/mo, Multi-Hop \$2/mo, Kill Switch free, Dedicated IP \$10/mo.

11. Treasury Transparency

All wallets are public and verifiable on Solana Explorer:

Wallet	Address (truncated)	Amount
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Node Rewards	AEvhULE...PWLf	420M DVPN
Treasury	EEG8XNX...9RHz	150M DVPN
Investor Vesting	3AbLUit...2WVY	120M DVPN
Team Vesting	GeyTRhh...PAtML	120M DVPN
Community	mYJMb32...fMGC	80M DVPN
Liquidity	CPrWNv...8ADT	80M DVPN
Advisor	GeLhgK...KF4t	30M DVPN
Staking Escrow	H3CRA9...TNeC	Variable
Hot Wallet	6Ko19M...8CNm	Replenished

12. Competitive Analysis

Feature	DeVpn	NordVPN	ExpressVPN	Mysterium	Orchid
Decentralized	Yes	No	No	Partial	Yes
iOS App	Yes	Yes	Yes	No	Limited
No Logs (arch.)	Yes	No	No	Partial	Partial
Price	\$3/mo	\$12.99	\$12.95	\$0.06/GB	Variable
Provider Earn	\$1,456/mo	N/A	N/A	~\$5/mo	~\$2/mo
Staking	10% APY	No	No	Low	Yes
Governance	Yes	No	No	No	No
Hardware Nodes	Yes	No	No	No	No

13. Roadmap

Phase 1 (Complete): Core VPN protocol, provider rewards, hardware nodes, iOS/Android/Windows apps, Stripe + crypto payments, security audit, blog, referral program, email drip campaigns.

Phase 2 (Current): Staking system, governance, bounties, dedicated IP, social media automation, AI support bot, 100 provider target, smart reconnect/failover.

Phase 3: On-chain staking migration, DEX liquidity pools, macOS native app, token burn mechanism, multi-hop optimization.

Phase 4: Full DAO transition, revenue sharing, enterprise VPN product, exchange listings, 10,000 provider milestone.

14. Team

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Website: devpn.org | Twitter: [@DeVpnsocial](https://twitter.com/DeVpnsocial) | Discord: discord.gg/GwNxjwVrR | Telegram: t.me/DeVpn

15. Legal Disclaimer

- DVPN tokens are utility tokens, NOT securities
- No guarantee of token value or provider earnings
- Earnings are estimates based on current network conditions
- Users should conduct their own research before participating
- Token distribution and allocation subject to change via governance
- Past performance does not guarantee future results