Paper Network

Bootstrap PDF

Welcome to the Paper Network Bootstrap PDF!

Paper Network is a decentralized web hosting platform that provides unlimited free hosting on .paper domains.

Features:

* True global domains (cryptographically secured)
* Full HTTP/WebSocket server hosting
* Unlimited bandwidth and storage
* Censorship impossible (P2P + IPFS)
* Deploy in under 10 seconds
* $0 forever - no credit card required

This PDF will automatically redirect you to the Paper Network site if your PDF reader supports JavaScript.

If not redirected automatically:

Visit: https://paper.is-a.software/

Quick Start Guide

Step 1: Visit Paper Network

> Go to https://paper.is-a.software/

> No registration required

Step 2: Start Building

> Click "Get Started" button

> Service Worker will be registered automatically

Step 3: Deploy Your First Site

> Write or paste your HTML code

> Click "Deploy to .paper"

> Your site goes live in under 10 seconds

Step 4: Access Your Site

> Visit yourname.paper in any browser

> Share your .paper domain with anyone

> It works globally, forever, for $0

Alternative Access Methods:

* GitHub: https://github.com/xtoazt/paper
* IPFS Gateway: Via IPFS hash
* P2P Network: Direct peer connection

Technical Architecture

Paper Network uses cutting-edge web technologies:

P2P Networking (libp2p)
* WebRTC for browser-to-browser connections
* DHT (Distributed Hash Table) for domain resolution
* PubSub for real-time updates

Distributed Storage (IPFS)
* Content-addressed storage
* Automatic peer replication
* Permanent content availability

Decentralized Naming (PKARR)
* Ed25519 cryptographic signatures
* Sovereign domain ownership
* Consensus-based resolution (97%+ agreement)

Censorship Resistance
* Multiple bootstrap methods
* P2P peer discovery
* No single point of failure
* This PDF is one bootstrap method!

Performance
* Sub-50ms domain resolution
* 5-10 second global propagation
* 99.99% uptime (decentralized)

Security
* End-to-end encryption (libsodium)
* Multi-hop onion routing
* Cryptographic domain verification