

FASTPANEL Integration

100% Free & Open Source (MIT)

0 KB Database Requirement

20 Languages

HIBP Password Protection

Executive Summary & Technical Overview

FP-Register is a state-of-the-art, database-free self-service registration system designed specifically for FASTPANEL hosting environments. It provides hosting providers, system administrators, and resellers with an automated 24/7 onboarding workflow that reduces manual support overhead to zero while enforcing rigorous security standards.

KEY TECHNICAL SPECIFICATIONS

Target Environment	FASTPANEL Control Panel	API Integration	FASTPANEL REST API (Async Queue)
Runtime Engine	PHP 7.4 / 8.0 / 8.1 / 8.2 / 8.3 / 8.4+	Database Overhead	0 KB (Zero-Database Architecture)
Supported Webservers	NGINX, Apache (PHP-FPM)	Breach Protection	Have I Been Pwned (k-Anonymity API)
Anti-Bot Captcha	Altcha, Turnstile, hCaptcha, reCAPTCHA	Internationalization	20 Languages (Auto-Detect)
Licensing	MIT License (100% Free)		

PERFORMANCE & BENCHMARK COMPARISON

Metric / Feature	FP-Register (Automated)	Manual Admin Creation
Time Per Registration	⚡ < 30 Seconds (Instant)	🕒 5 – 10 Minutes (Manual Support)
Service Availability	✓ 24/7 Automated Self-Service	✗ Support office hours only
Email Verification	✓ Instant Token Bucket	✗ Manual email confirmation
Compromised Password Check	✓ Real-Time HIBP k-Anonymity	✗ No breach detection
Spam & Bot Filtering	✓ Altcha / Turnstile / MX DNS	✗ Ticket verification
Database Maintenance	✓ Zero Maintenance (Flat Files)	✗ MySQL database overhead

TARGET USE-CASES



Web Hosting Providers

Automate client onboarding for free or promotional hosting packages without manual staff intervention or complex billing setups.



Sysadmins & DevOps

Deploy a zero-maintenance registration portal in seconds. No SQL databases to back up, zero dependency footprint.



Resellers & Agencies

Issue exclusive invite-code registrations for VIP client portals, staging servers, and restricted hosting groups.



Educational Institutes

Provide instant web development accounts for students and lab classes with domain-restricted email verification.