



FPC Hackathon

Secure Instant and Immediate Payment APIs

Purpose

Advance U.S. faster payments by demonstrating how directory capabilities—especially payment aliases—can simplify transactions and enhance interoperability. Insights will inform a new industry resource and showcase real-world applications of the FPC research.

Timeline & Eligibility

- **Duration:** 3 weeks (remote)
- **Prep:** 1–2 weeks of onboarding materials
- **Development:** 24–48 hours of prototyping
- **Presentation:** 1–3 hours per team
- **Eligibility:** Developers, API experts, fintech innovators, and technical professionals with in back-end, security, or project management experience.

Structure & Participation

- **Team Size:** 3-6 members (e.g., back-end dev, security specialist, project manager)
- **Build Focus:**
 - Create an Open Alias Directory Service using Redirector, Forwarder, or Concentrator models.
 - Integrate APIs with a mock private directory
 - Ensure retrieval, storage, uniqueness, scalability, and security
- **Resources Provided:**
 - Mock data, Statement of Work, documentation
 - Communication tools
 - Optional cloud service vouchers
 - Participants must bring their own hardware/software

Key Concepts

- **Payment Alias:** A user-friendly identifier (e.g., email or phone number) used to initiate payments
- **Open Alias Directory Service:** A central system that connects various private directories, enabling cross-platform resolution of payment details



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Judging & Incentives

- **Evaluation Criteria**

Category	Weight	Description
Functionality	30%	Supports alias lifecycle as intended
Innovation	20%	Creative use of tech (e.g., AI)
Security	20%	Follows encryption/authentication best practices
Scalability	15%	Handles volume built for growth
User Experience/Integration	15%	Easy to integrate, clear documentation

- **Judging Panel:**

- Comprised of technical and business experts selected by the API Work Group to validate functionality and assess delivery.

- **Incentives:**

- Access to industry mentors
- Cloud credits and tech tools
- Media recognition and career opportunities
- FPC-branded trophies or swag

Why Join?

Be part of a groundbreaking initiative to shape the future of secure, instant payments. Collaborate with top minds in fintech to build an open alias directory and APIs that drive real-world innovation.

Post-Hackathon Impact

- Results will shape a new thought leadership industry resource
- Successful prototypes may guide future standards and real-world adoption
- Intellectual property details will be shared during the event

How to Participate

Register online: [FPC API Hackathon: Building the Future of Instant Payments](#)