# Privacy Pass Implementation & Deployment Tests

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Privacy Pass
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## Open Source

GitHub implementations

https://github.com/cloudflare/pat-app

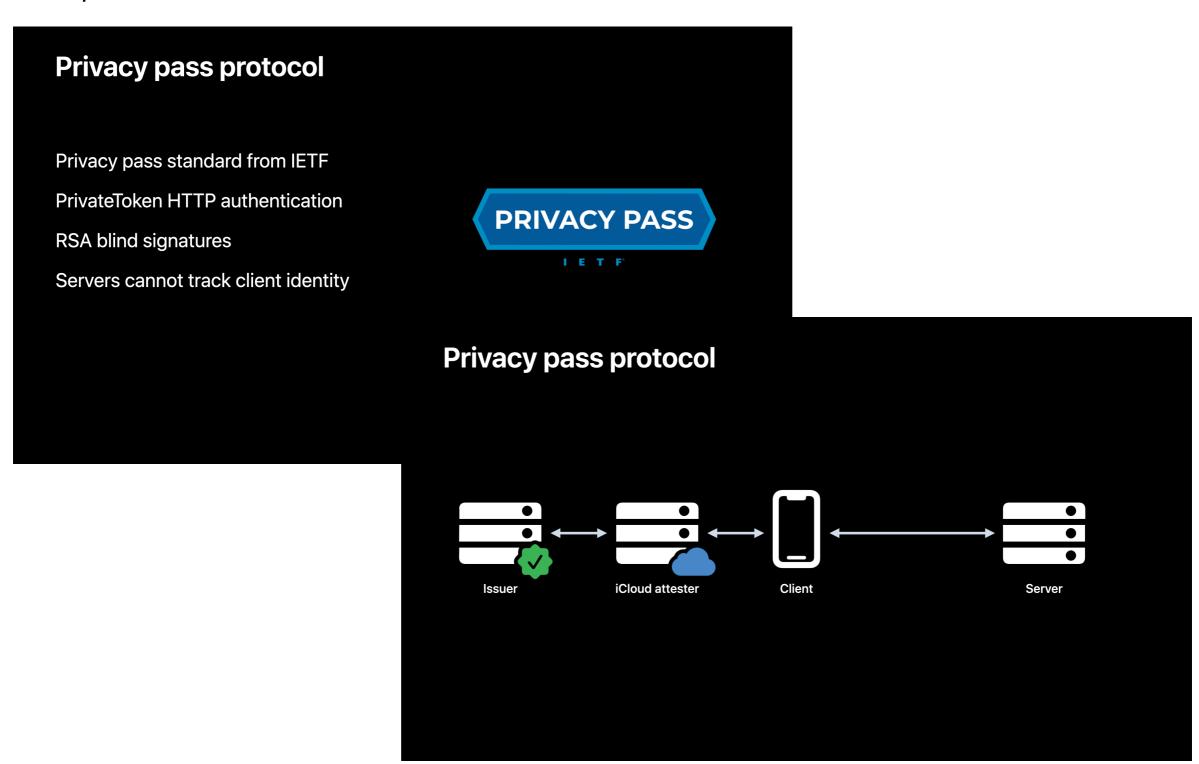
Client / Origin / Attester / Issuer functionality for all basic and rate-limited variants

https://github.com/raphaelrobert/privacypass

Client / Origin / Issuer functionality for basic variants

### WWDC22

#### Replace CAPTCHAs with Private Access Tokens



#### WWDC22

Aiming to increase awareness of Privacy Pass

Allowing developers of apps and websites to test out using Privacy Pass

Other issuer and attester implementations are encouraged to grow the ecosystem!

## Testable deployments

Cloudflare and Fastly Issuers

demo-pat.issuer.cloudflare.com

demo-issuer.private-access-tokens.fastly.com

iCloud Attester

Device + account attestation

iOS 16 and macOS Ventura system clients

Demo origins

https://demo-pat.research.cloudflare.com/

## What's supported

Type 2 (Publicly Verifiable Basic Tokens)

Split Origin, Attester, Issuer model

Supports origin-bound or cross-origin tokens

Token challenges only accepted from first-party domains in web context

#### Scale

Based on early betas

~35K tokens issued per day (seen by Attester)

~16K tokens redeemed per day (seen by Origins working with Cloudflare managed CAPTCHA)

Minimal latency for token issuance (~100ms)

Questions?