OpenID Foundation
の
ご紹介

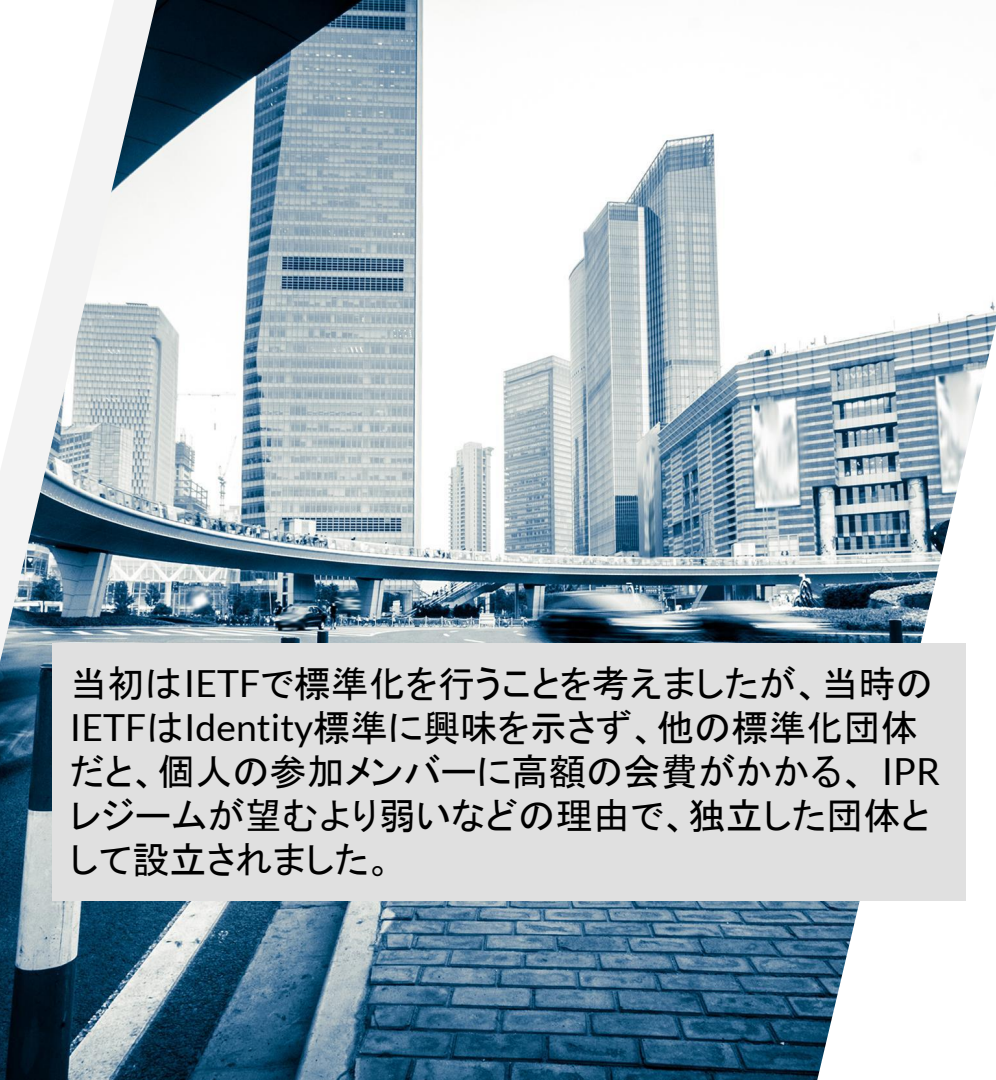v. 2020-02-01

OpenID Foundation 理事長
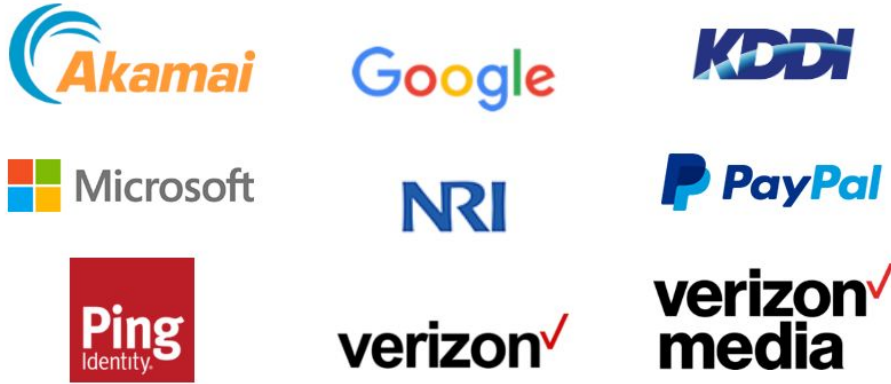崎村夏彦

OpenID Foundation

2007年に米国で設立された非営利の国際標準化団体。

インターネット上のアイデンティティ層およびAPIアクセス管理にかかわる技術の標準化を行います。

当初はIETFで標準化を行うことを考えましたが、当時のIETFはIdentity標準に興味を示さず、他の標準化団体だと、個人の参加メンバーに高額の会費がかかる、IPRレジームが望むより弱いなどの理由で、独立した団体として設立されました。

OpenID Foundation Members

Members spread over 36 countries.

Sustaining Corporate Members

Akamai, Google, KDDI, Microsoft, NRI, PayPal, Ping Identity, verizon, verizon media

Corporate Members

aplcomp, Auth0, AUTHLETE, ayoy, BOOK YOUR DATA, BOOLEANS., CERTIFY, CLOUDENTITY, Coherent Cloud, CURITY, DAASI International, Deutsche Telekom, ebay, FORGEROCK, gigya, gluu, GSMA, IDICIA, intuit, IPification, loginradius, mvine, mydex, NEC, nextiva, The Office of the National Coordinator for Health Information Technology, okta, onegini, oxyliom, OZONEAPI.COM, Peercraft, RESO, RSA, SIGNICAT, SyncForce, TRIVORE, TRUSTDOCK, u2u consult, uberether, viewds, vmware, yes, YOUNIQX, yubico, ZMARTZONE

Non-profit Members

AUSTRALIAN ACCESS FEDERATION, CLOUD FOUNDRY, cz.nic, DFN DEUTSCHES FORSCHUNGSNETZ, denic, Consortium GARR, INTERNET2, NIST National Institute of Standards and Technology, OPEN BANKING, OpenAthens, CEDARS-SINAI, SURFNET, SWITCH, UNINETT

OpenID規格は多くの場所で使われています。

Sign in with Apple, Google Sign-in, Microsoft Sign-in, GSMA Mobile Connect など
は、OpenID Connect規格に基づいており、**世界で30億人**に使われていると言われて
います。

また、多くの国や地域のID基盤はOpenID Connectによっています。

トランザクション量も膨大で、たとえばMicrosoft Azure上のSign-inの90%以上が
OpenID Connectになっています。

OpenID FAPIは、英国Open Banking他、より高いレベルのセキュリティが必要なAPIの
保護のための標準として使われています。

OpenID Foundationの3大業務

1 標準規格の作成
協調領域における標準仕様の共同開発

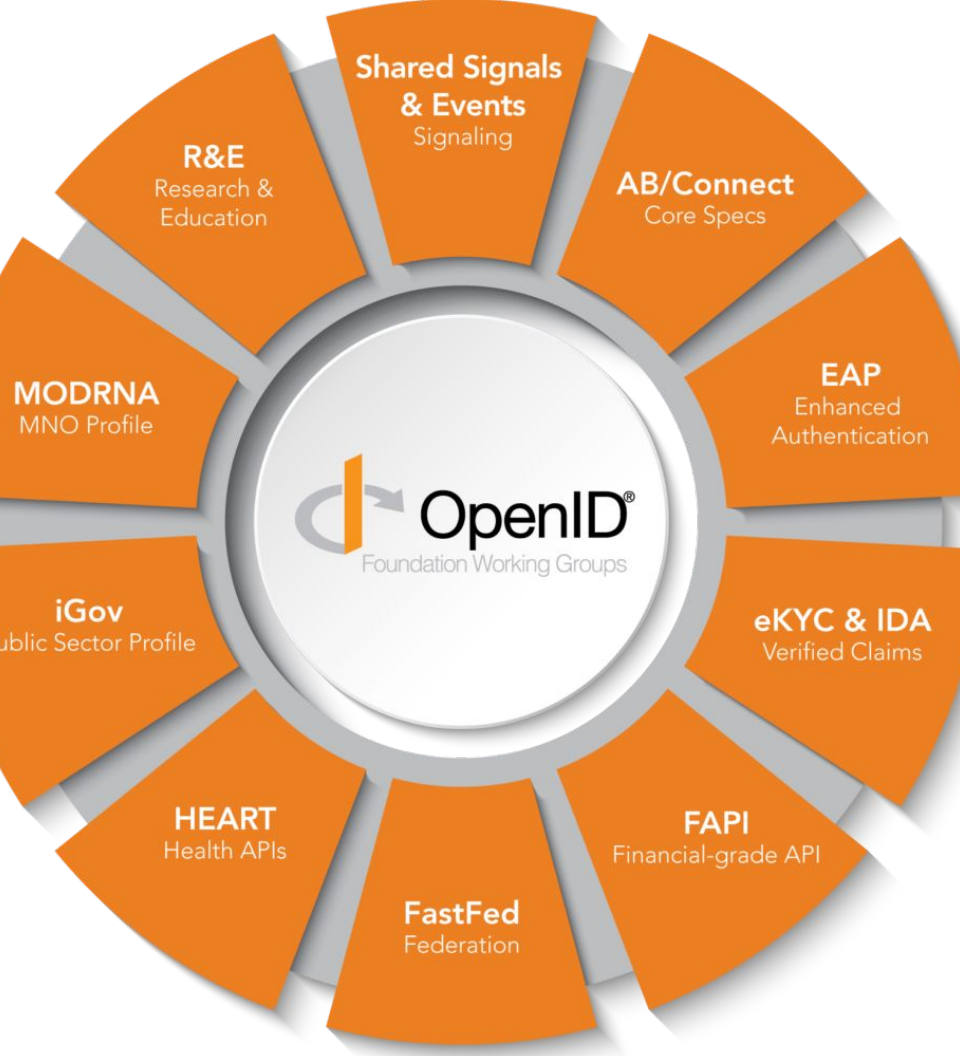**2** テストと自己認証
共同テストおよび自己認証スイートの作成・提供

3 普及啓発
規格や考え方について、セミナーやネット・メディアを通じて啓発

標準規格の作成

協調領域における
標準仕様の共同開発

- 標準規格他の文書は作業部会(WG)によって作成されます。
- 発言・寄書に関する改変権を含む著作権譲渡および最終規格および実装者ドラフトに書かれた項目についての特許の相互非行使を定めた知財寄付契約に署名すれば無料でWGに参加できます。
- これらは「OpenID Process」文書に規定されており、WTO TBT協定のAnnex 3に沿っています。

現在の作業部会

現在10個の作業部会(WG)が、それぞれの憲章に定義された項目について規格化活動を行っています。(2022-01-15現在)

WGは基本的にオンラインで会合を行い、課題管理システムとGitレポジトリとMLを使って作業を進めていきます。

多くのパートナーとの緊密な関係

IETF OAuth WG, JOSE WG

ISO/IEC JTC 1/SC 27/WG 5, SC 17

ISO/TC68

ITU-T

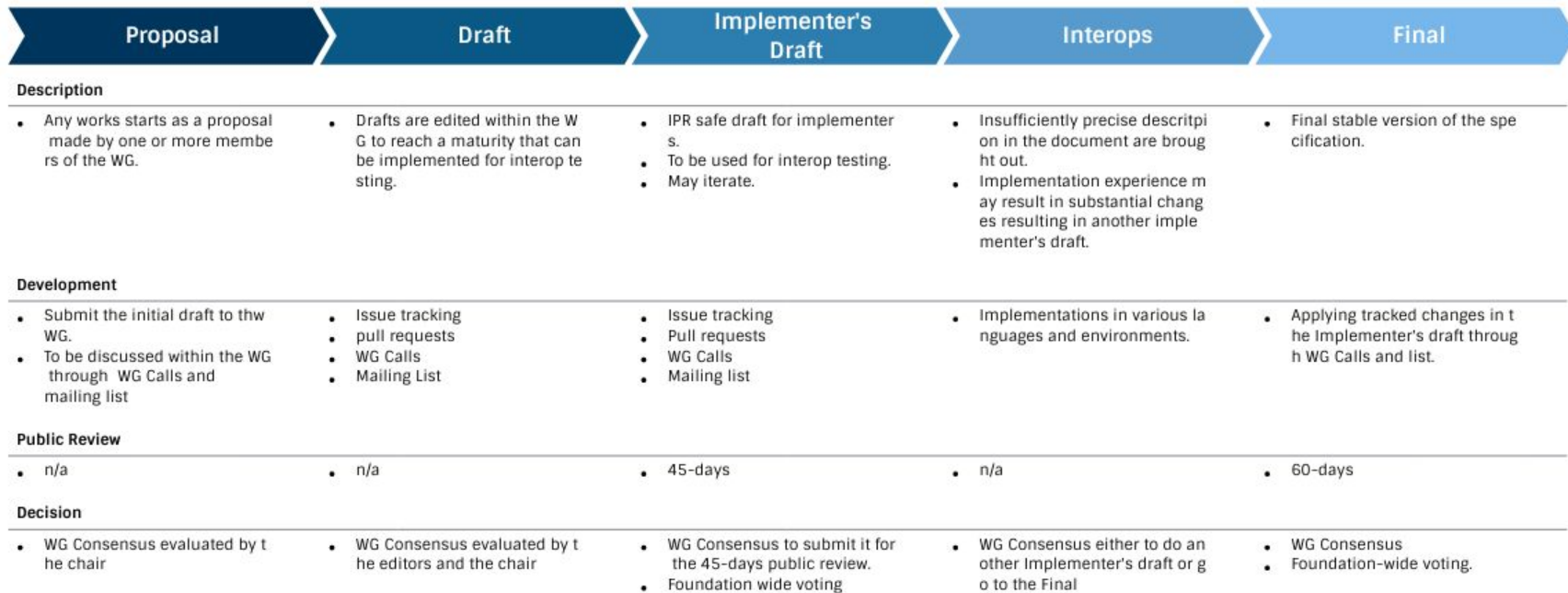W3C WebAuthn WG, WebPayment Security IG

FIDO Alliance

Kantara Initiative

Open Banking UK

OECD/ITAC

Etc.

OpenID Document Process

Proposal	Draft	Implementer's Draft	Interops	Final

Description

• Any works starts as a proposal made by one or more members of the WG.	• Drafts are edited within the WG to reach a maturity that can be implemented for interop testing.	• IPR safe draft for implementers. • To be used for interop testing. • May iterate.	• Insufficiently precise descritpion in the document are brought out. • Implementation experience may result in substantial changes resulting in another implementer's draft.	• Final stable version of the specification.

Development

• Submit the initial draft to thw WG. • To be discussed within the WG through WG Calls and mailing list	• Issue tracking • pull requests • WG Calls • Mailing List	• Issue tracking • Pull requests • WG Calls • Mailing list	• Implementations in various languages and environments.	• Applying tracked changes in the Implementer's draft through WG Calls and list.

Public Review

• n/a	• n/a	• 45-days	• n/a	• 60-days

Decision

• WG Consensus evaluated by the chair	• WG Consensus evaluated by the editors and the chair	• WG Consensus to submit it for the 45-days public review. • Foundation wide voting	• WG Consensus either to do another Implementer's draft or go to the Final	• WG Consensus • Foundation-wide voting.

テストと自己認証

共同テストおよび自己認証スイートの作成・提供

- 理事会の指示により、認証チームがテスト・スイートとオンライン自己認証基盤を、選定された標準に関して作成・提供します。
- 自己認証した実装は、openid.net[1]にテストのログと共に公開されます。
- 多くの組織が、Dockerイメージをダウンロードして、CD/CIパイプラインの中で使っています。

現在提供中の自己認証スイート

- OpenID Connect Provider
- OpenID Connect Relying Party
- Financial-grade API (FAPI) OpenID Providers
- Financial-grade API Client Initiated Backchannel Authentication Profile (FAPI-CIBA) OpenID Providers
- Financial-grade API (FAPI) Relying Parties

普及啓発

規格や考え方について、
セミナーやネット・メディアを
通じて啓発

- 理事や作業部会長は、多くの産業イベントで講演を行っています。例：
  - European Identity and Cloud Conference
  - Identiverse
  - APIDays
- 独自イベントも行っています：
  - OpenID Summit
  - OpenID Workshops
- オンラインでも情報提供をしています。
  - Openid.net
  - YouTube

OpenID Summit Tokyo 2020

2020-01-24 @ Shibuya Stream Hall

アウトリーチ活動

✏️ Open Letter from the OpenID Foundation to Apple Regarding Sign In with Apple

This entry was posted in Foundation   News and tagged Apple   OpenID Connect on June 27, 2019 by Nat Sakimura

June 27, 2019

Mr. Craig Federighi
Apple
Senior Vice President of Software Engineering
One Apple Park Way
Cupertino, CA 95014

RE: Open Letter from the OpenID Foundation to Apple Regarding Sign In with Apple

Dear Mr. Federighi,

The OpenID Foundation applauds Apple's efforts to allow users to login to third-party mobile and Web applications with their Apple ID using OpenID Connect.

Over the course of the last decade, OpenID Connect was developed by a large number of companies and industry experts within the OpenID Foundation (OIDF). OpenID Connect is a modern, widely-adopted identity protocol built on OAuth 2.0 that enables third-party login to applications in a standard way.

It appears Apple has largely adopted OpenID Connect for their Sign In with Apple implementation offering, or at least has intended to. Known differences between the two are tracked in a document managed by the OIDF certification team, found here: https://bitbucket.org/openid/connect/src/default/How-Sign-in-with-Apple-differs-from-OpenID-Connect.md.

The current set of differences between OpenID Connect and Sign In with Apple reduces the places where users can use Sign In with Apple and exposes them to greater security and privacy risks. It also places an unnecessary burden on developers of both OpenID Connect and Sign In with Apple. By closing the current gaps, Apple would be interoperable with widely-available OpenID Connect Relying Party software.

Therefore the OpenID Foundation invites Apple to:

1. Address the gaps between Sign In with Apple and OpenID Connect based on the feedback.
2. Use the OpenID Connect Self Certification Test Suite to improve the interoperability and security of Sign In with Apple.
3. Publicly state that Sign In with Apple is compatible and interoperable with widely-available OpenID Connect Relying Party software.
4. Join the OpenID Foundation.

The OpenID Foundation and the community at large would appreciate Apple's feedback.

Thank you for your consideration.

Regards,

Nat Sakimura

OpenID Foundation Chairman

On behalf of the Board of Directors of the OpenID Foundation

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› Second Implementer's Draft of OpenID Connect Federation Specification Approved
› Announcing the 2020 OpenID Foundation Individual Community Board Member Election
› OpenID Connect for Identity Assurance now has a dedicated home
› Notice of Vote for Second Implementer's Draft of OpenID Connect Federation Specification

🏷️ Tags

Account Chooser **adoption board election board elections Certification** CIBA connect developers **Don Thibeau election** Errata **events FAPI** federation **Final Specification Financial-grade API Foundation** google government guest blog **HEART** Identity Assurance iGov **Implementer's Draft** MODRNA OBIE oidf OIDF workshop open banking openid **OpenID Connect Public Review** OpenYOLO retail advisory committee RISC security spec **specification** summit usability user experience vote

Create the future together.