

FAPI Updates: Introduction

2020-04-27

Open Banking + OpenID Foundation:
Conformance and Certification
Workshop



OpenID Foundation

A Non-profit International
Standardization Organization
founded in 2007.

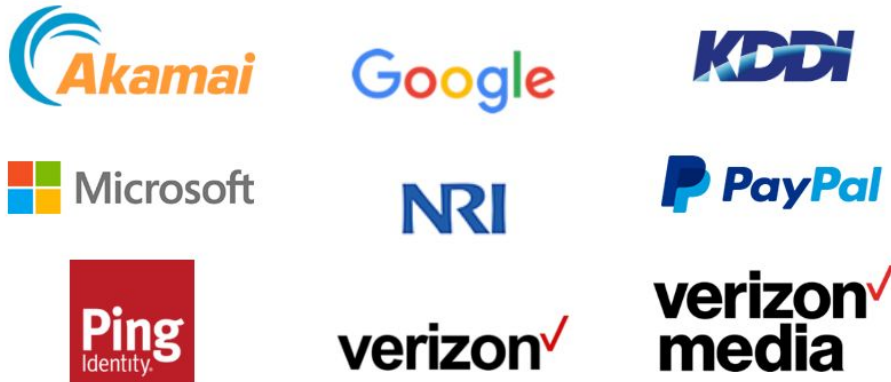
Specialized in the
standardization of internet
identity layer and API access
management.



A world map with a light beige background. Countries are outlined in white. Countries where OpenID Foundation members are located are filled with a solid orange color. These include the United States, Canada, Mexico, Brazil, Argentina, Chile, Peru, Colombia, Venezuela, Ecuador, and several countries in Europe, Africa, and Asia. The text 'OpenID Foundation Members' is centered at the top in a large, bold, black font. Below it, the text 'Members spread over 36 countries.' is centered in a smaller, regular black font. The date '2022-02-02' is in the bottom left corner, and the Vizzlo logo is in the bottom right corner.

A world map with a light beige background. Countries are outlined in white. Countries where OpenID Foundation members are located are filled with a solid orange color. These include the United States, Canada, Mexico, Brazil, Argentina, Chile, Peru, Colombia, Venezuela, Ecuador, and several countries in Europe, Africa, and Asia. The text 'OpenID Foundation Members' is centered at the top in a large, bold, black font. Below it, the text 'Members spread over 36 countries.' is centered in a smaller, regular black font. The date '2022-02-02' is in the bottom left corner, and the Vizzlo logo is in the bottom right corner.

Sustaining Corporate Members



Non-profit Members



Corporate Members



A photograph of a busy city street, likely in New York City, with tall buildings lining the street and yellow taxis. The image is used as a background for the title text.

Corporate Membership Benefits

- Proposing a new WG.
- Taking the leadership in a WG by assuming the officers (Chair, Co-chairs, Liaison Officers, etc.) role.
- Electing a board member among the peers to steer the foundation.
- Discount in the Certification fees.
- Ticket priority to OpenID Foundation events.
- Corporate Members only events and communications.
- Display your corporate logo/name on the OpenID Foundation website and promotional material.
- Be eligible for inclusion in OpenID Foundation press releases and industry events



Sustaining Corporate Membership Benefits

In addition to the corporate membership benefits:

- A board seat to steer the foundation.
 - E.g., setting the priority for the board program such as certification, marketing communications and events.
- Direct funding opportunities.

OpenID Standards are used everywhere

Sign in with Apple, Google Sign-in, Microsoft Sign-in, GSMA Mobile Connect etc. are based on OpenID Connect and is estimated to be used by over 3 Billion people.

In addition, many countries and regions are using OpenID Connect in their citizen identity platform.

Number of transactions are also large. As of 2019, over 94% of Microsoft Azure sign-in are performed using OpenID Connect.

OpenID FAPI is being used as the API access control standard by UK Open Banking and others that require higher level API protection.

Three Business Lines of OpenID Foundation

1

Standards Creation -
*Standardization of the technologies in
cooperative area*

2

Testing and Certification
*Creation of shared testing and
self-certification suite for the standards*

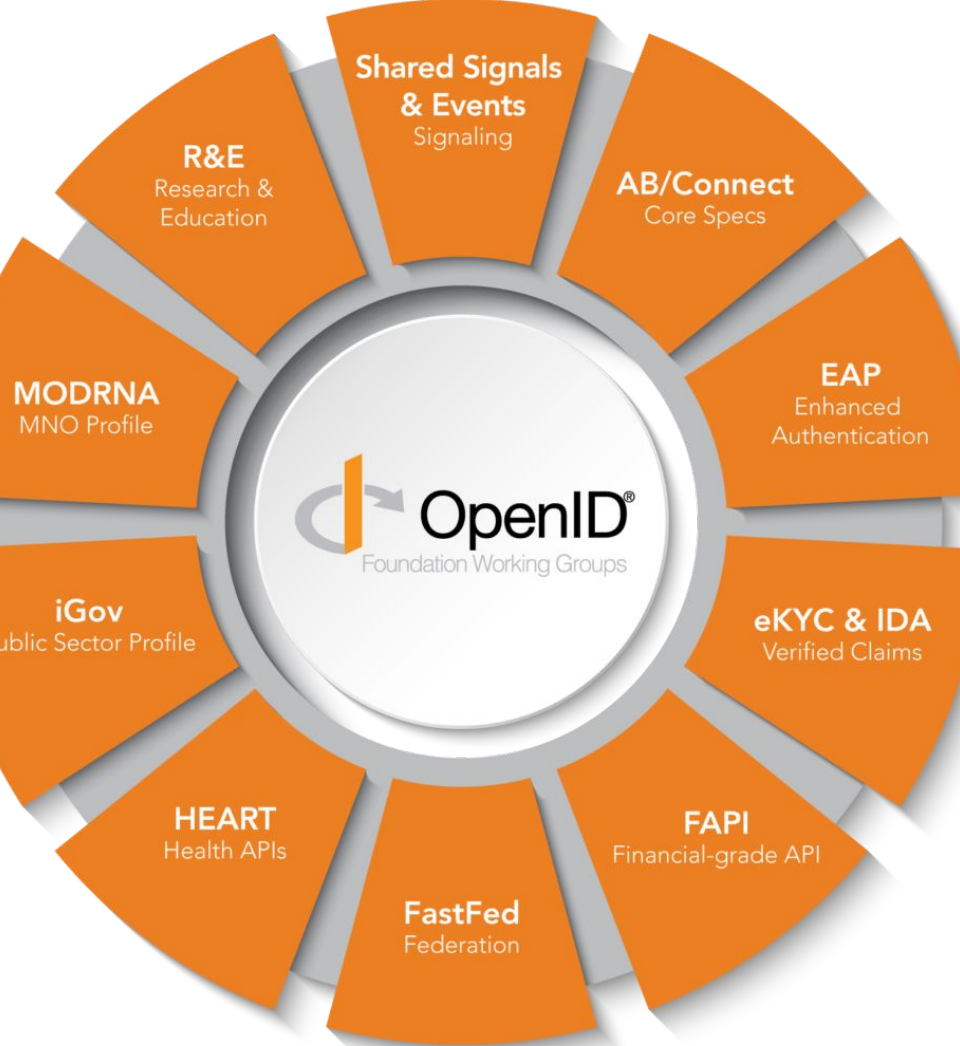
3

Marketing and Education
Seminars, white-papers and others

Standards Creation

Standardization of the technologies in
cooperative area

- Working Groups creates standards and other technical documentations.
 - Anybody who signs the IPR Contribution Agreement can join WGs as a contributor. There is no fee associated with it.
 - By agreeing to the IPR Contribution Agreement, individuals and corporations agrees to provide their IPR free of charge for the implementations of the Standards and Implementer's Drafts.
 - The standardization process follows "OpenID Process" that adheres to WTO TBT Treaty Annex 3.
-



Current Working Groups

There are 10 active working groups (WGs) tackling on the topics that are defined in their charters. (As of 2020-04-27)

WGs meets mostly online to share information and develop documents using issue tracking systems and git repositories and mailing lists.

FAPI - Financial-grade API

Public Sector Profile

General Purpose High
Security Level API
Protection Protocol
based on OAuth 2.0
Family of specifications.

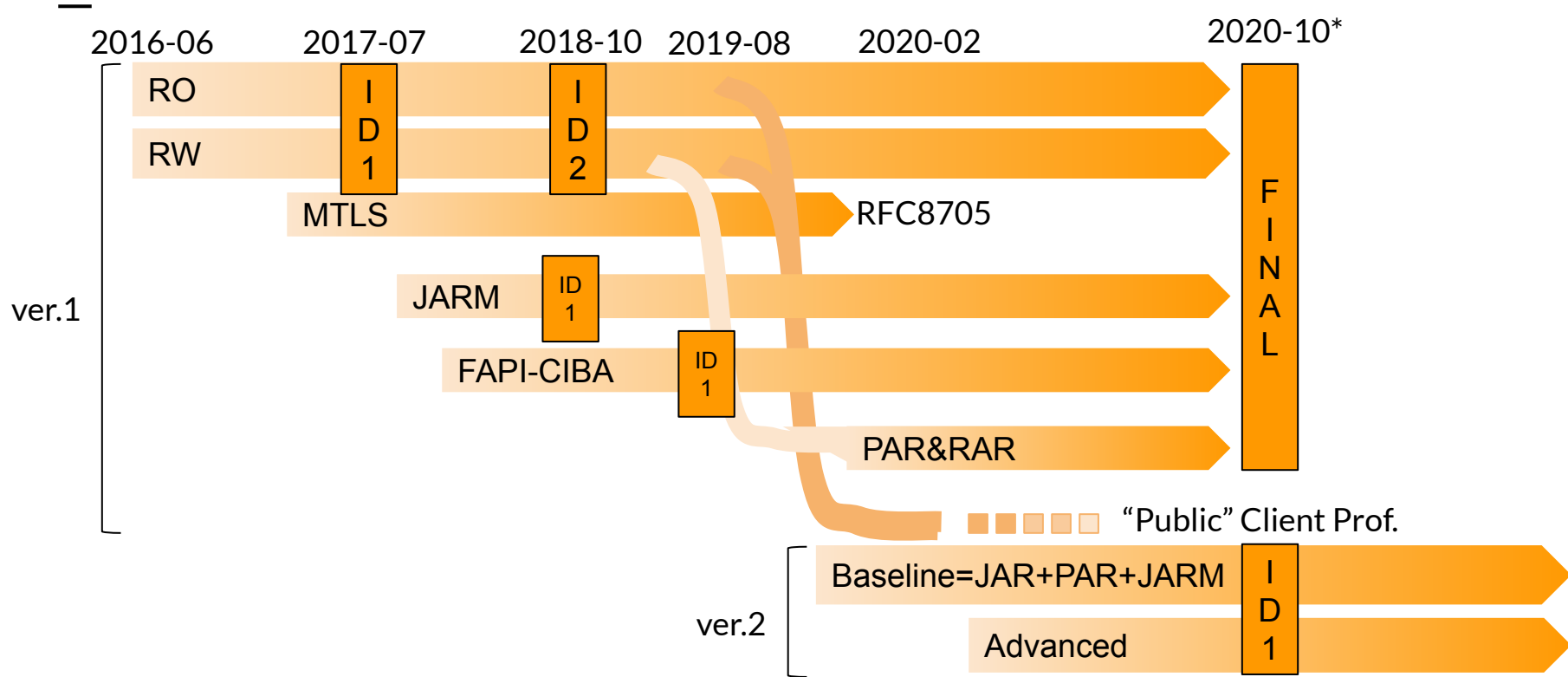
HEART
Health APIs



eKYC & IDA
Verified Claims

FAPI
Financial-grade API

FastFed
Federation



FAPI Family Tree

* Projection Only



***Specs are nice, but for
real interoperability,
implementations needs
to be tested.***

FAPI CONFORMANCE TEST SUITES

and Self-Certification

OB Test Suite

FAPI-CIBA Tests

Negatives and
Automation





Create the future together.

OpenID Connect: Selective Claims Provision Protocol

Which also forms
Basis for ABAC.



Claim Sources

