Initiative for Open Authentication

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*Not to be confused with*[*OAuth*](https://en.wikipedia.org/wiki/OAuth)*.*

**Initiative for Open Authentication** (**OATH**) is an industry-wide collaboration to develop an open [reference architecture](https://en.wikipedia.org/wiki/Reference_architecture) using [open standards](https://en.wikipedia.org/wiki/Open_standard) to promote the adoption of [strong authentication](https://en.wikipedia.org/wiki/Strong_authentication). It has close to thirty coordinating and contributing members and is proposing standards for a variety of authentication technologies, with the aim of lowering costs and simplifying their functions.

## **Terminology[**[**edit**](https://en.wikipedia.org/w/index.php?title=Initiative_for_Open_Authentication&action=edit&section=1)**]**

The name *OATH* is an acronym from the phrase "open authentication", and is pronounced as the English word "oath".[[1]](https://en.wikipedia.org/wiki/Initiative_for_Open_Authentication#cite_note-1)

OATH is not related to [OAuth](https://en.wikipedia.org/wiki/OAuth), an open standard for [authorization](https://en.wikipedia.org/wiki/Authorization).

## **See also[**[**edit**](https://en.wikipedia.org/w/index.php?title=Initiative_for_Open_Authentication&action=edit&section=2)**]**

* [HOTP: An HMAC-Based One-Time Password Algorithm](https://en.wikipedia.org/wiki/HMAC-based_One-time_Password_Algorithm) ([RFC 4226](https://tools.ietf.org/html/rfc4226))
* [TOTP: Time-Based One-Time Password Algorithm](https://en.wikipedia.org/wiki/Time-based_One-time_Password_Algorithm) ([RFC 6238](https://tools.ietf.org/html/rfc6238))
* OCRA: OATH Challenge-Response Algorithm ([RFC 6287](https://tools.ietf.org/html/rfc6287))
* Portable Symmetric Key Container (PSKC) ([RFC 6030](https://tools.ietf.org/html/rfc6030))
* Dynamic Symmetric Key Provisioning Protocol (DSKPP) ([RFC 6063](https://tools.ietf.org/html/rfc6063))

## **References[**[**edit**](https://en.wikipedia.org/w/index.php?title=Initiative_for_Open_Authentication&action=edit&section=3)**]**

* 1. [**^**](https://en.wikipedia.org/wiki/Initiative_for_Open_Authentication#cite_ref-1) [*"Pronunciation and Capitalization"*](https://archive.today/20161114093938/https:/groups.google.com/forum/%23!msg/oauth/Wy34FxwKXwI/Y8mLJBV1Zl4J). Google Groups. Archived from [*the original*](https://groups.google.com/d/msg/oauth/Wy34FxwKXwI/Y8mLJBV1Zl4J) on 14 November 2016*. Retrieved 24 August 2016*.

## **External links[**[**edit**](https://en.wikipedia.org/w/index.php?title=Initiative_for_Open_Authentication&action=edit&section=4)**]**

* [Official website](https://www.openauthentication.org/) [Edit this at Wikidata](https://www.wikidata.org/wiki/Q3798786#P856)
* [List of OATH members](https://www.openauthentication.org/members)
* [OATH Specifications](https://www.openauthentication.org/specification)