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Standard**

**ISO/IEC 26136**

**Information technology — OpenID  
connect — OpenID connect front-  
channel logout 1.0**

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This document was prepared by the OpenID Foundation (OIDF) (as OpenID Connect Front-Channel Logout 1.0) and drafted in accordance with its editorial rules. It was adopted, under the JTC 1 PAS procedure, by Joint Technical Committee ISO/IEC JTC 1, *Information technology*.

Any feedback or questions on this document should be directed to the user's national standards body. A complete listing of these bodies can be found at [www.iso.org/members.html](http://www.iso.org/members.html) and [www.iec.ch/national-committees](http://www.iec.ch/national-committees).

## Abstract

OpenID Connect 1.0 is a simple identity layer on top of the OAuth 2.0 protocol. It enables Clients to verify the identity of the End-User based on the authentication performed by an Authorization Server, as well as to obtain basic profile information about the End-User in an interoperable and REST-like manner.

This specification defines a logout mechanism that uses front-channel communication via the User Agent between the OP and RPs being logged out that does not need an OpenID Provider iframe on Relying Party pages. Other protocols have used HTTP GETs to RP URLs that clear login state to achieve this. This specification does the same thing.

## Table of Contents

- 1. Introduction**
  - 1.1. Requirements Notation and Conventions**
  - 1.2. Terminology**
- 2. Relying Party Logout Functionality**
- 3. OpenID Provider Logout Functionality**
  - 3.1. Example Front-Channel Logout URL Usage**
- 4. Implementation Considerations**
  - 4.1. User Agents Blocking Access to Third-Party Content**
- 5. Security Considerations**
- 6. IANA Considerations**
  - 6.1. JSON Web Token Claims Registration**
    - 6.1.1. Registry Contents**
  - 6.2. OAuth Dynamic Client Registration Metadata Registration**
    - 6.2.1. Registry Contents**
  - 6.3. OAuth Authorization Server Metadata Registry**
    - 6.3.1. Registry Contents**
- 7. References**
  - 7.1. Normative References**
  - 7.2. Informative References**



# Information technology — OpenID Connect — OpenID Connect Front-Channel Logout 1.0

## 1. Introduction

TOC

OpenID Connect 1.0 is a simple identity layer on top of the OAuth 2.0 [\[RFC6749\]](#) protocol. It enables Clients to verify the identity of the End-User based on the authentication performed by an Authorization Server, as well as to obtain basic profile information about the End-User in an interoperable and REST-like manner.

This specification defines a logout mechanism that uses front-channel communication via the User Agent between the OP and RPs being logged out that does not need an OpenID Provider iframe on Relying Party pages, as [OpenID Connect Session Management 1.0](#) [OpenID.Session] does. Other protocols have used HTTP GETs to RP URLs that clear login state to achieve this; this specification does the same thing.

In contrast, the [OpenID Connect Back-Channel Logout 1.0](#) [OpenID.BackChannel] specification uses direct back-channel communication between the OP and RPs being logged out; this differs from front-channel logout mechanisms, which communicate logout requests from the OP to RPs via the User Agent. The [OpenID Connect RP-Initiated Logout 1.0](#) [OpenID.RPInitiated] specification complements these specifications by defining a mechanism for a Relying Party to request that an OpenID Provider log out the End-User.

This specification can be used separately from or in combination with OpenID Connect RP-Initiated Logout 1.0, OpenID Connect Session Management 1.0, and/or OpenID Connect Back-Channel Logout 1.0.

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### 1.1. Requirements Notation and Conventions

TOC

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