

# Getting Involved in Standards: Seeing Your Work Adopted in the Real World

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W3C / MIT

# Why standards?



Network Working Group  
Request for Comments: 2821  
Obsoletes: [821](#), [974](#), [1869](#)  
Updates: [1123](#)  
Category: Standards Track

J. Klensin, Editor  
AT&T Laboratories  
April 2001

## Simple Mail Transfer Protocol

### Status of this Memo

This document specifies an Internet standards track protocol for the Internet community, and requests discussion and suggestions for improvements. Please refer to the current edition of the "Internet Official Protocol Standards" (STD 1) for the standardization state and status of this protocol. Distribution of this memo is unlimited.

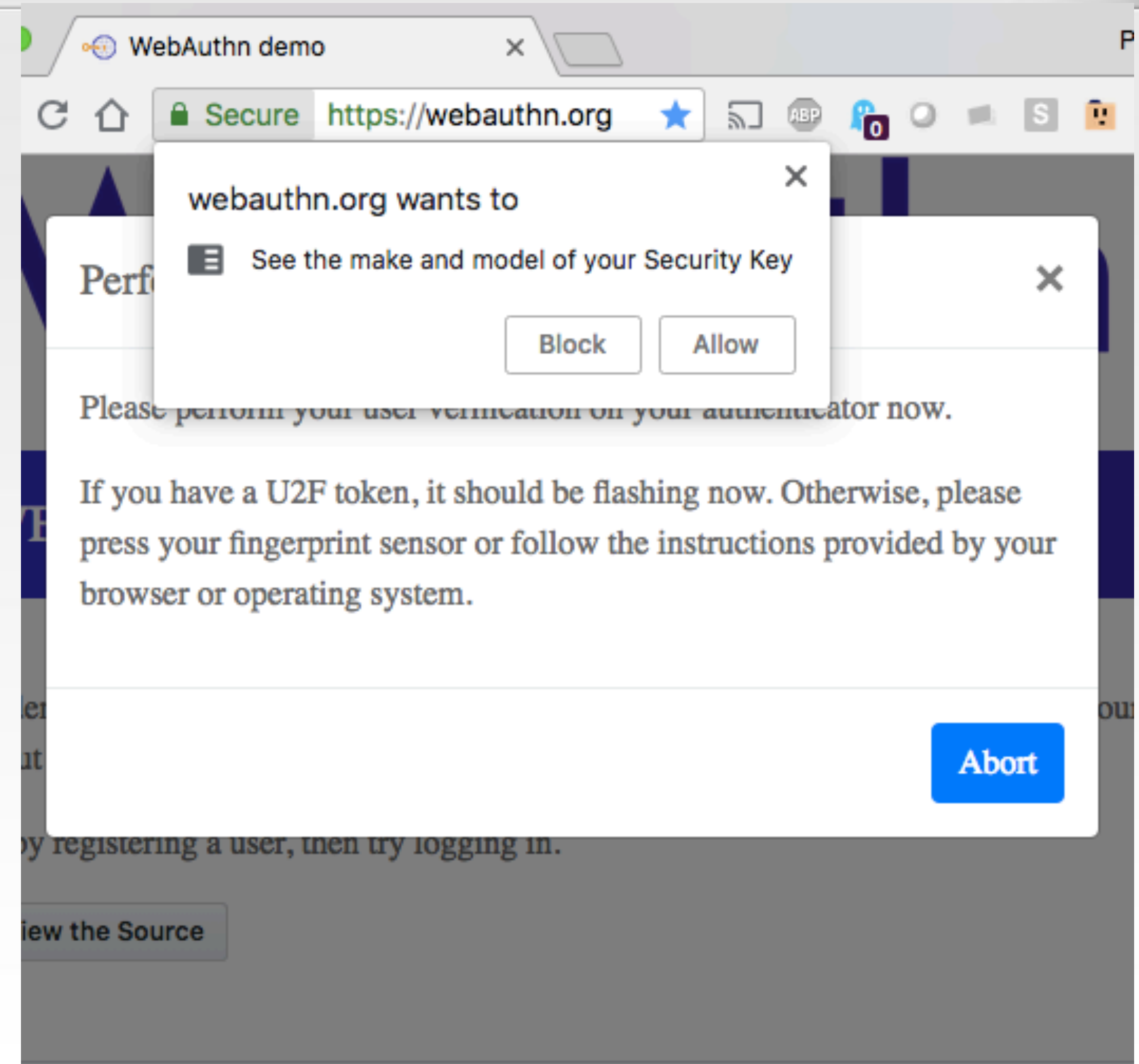
### Copyright Notice

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### Abstract

This document is a self-contained specification of the basic protocol for the Internet electronic mail transport. It consolidates, updates and clarifies, but doesn't add new or change existing functionality of the following:

- the original SMTP (Simple Mail Transfer Protocol) specification of [RFC 821](#) [30],
- domain name system requirements and implications for mail transport from [RFC 1035](#) [22] and [RFC 974](#) [27],





**Take initiative**

**Modify existing work**

**Present solutions, not problems**

**Nurture your proposals**

## IETF

- IP, TCP, QUIC, DNS, TLS, HTTP, OAUTH, SMTP, IMAP
- DNS Privacy; DNS over HTTPS
- Privacy Enhanced RTP Conferencing
- Token Binding
- Constrained Environment Auth

## W3C

- JavaScript APIs, HTML\*
- Web Authentication (with FIDO)
- Tracking Protection
- Web Application Security
- Verifiable Claims (Credentials)

- Existing document?
  - **Join** mailing lists (WG or pre-WG)
  - **Comment** on existing drafts
- No existing document?
  - Write an internet-draft (e.g. draft-moriarty-tls-fail)
  - **Post** to WG list or [secdispatch@ietf.org](mailto:secdispatch@ietf.org)
  - **Attend** IETF meeting, 3x/year
    - \$150 student registration
    - **Present** to WG or SEC(urity) DISPATCH WG
  - Find an “**IETF native coauthor**”
  - **Build consensus**

# RFC7858 Timeline



## Specification for DNS over Transport Layer Security (TLS)

RFC 7858

Status

[IESG evaluation record](#)

[IESG writeups](#)

[Email expansions](#)

[History](#)

Versions

[00](#)

[01](#)

[02](#)

[03](#)

[04](#)

[05](#)

[06](#)

[07](#)

[08](#)

[09](#)

draft-hzhwm-dprive-start-tls-for-dns

[00](#)

[01](#)

[02](#)

draft-ietf-dprive-start-tls-for-dns

[00](#)

[01](#)

draft-ietf-dprive-dns-over-tls

[00](#)

[01](#)

[02](#)

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[05](#)

[07](#)

[09](#)

rfc7858

[rfc7858](#)

Oct 2014

Feb 2015

Apr 2015  
May 2015

Jul 2015

Sep 2015  
Oct 2015

Dec 2015  
Jan 2016

Feb 2016

May 2016

Document

Type RFC - Proposed Standard (May 2016; [Errata](#))

Updated by [RFC 8310](#)

Was [draft-ietf-dprive-dns-over-tls](#) (dprive WG)

- Existing document?
  - **File issues** - usually GitHub, sometimes email
  - **Follow up!**
- Existing working group?
  - “Invited Expert”
- Don’t know where to go?
  - **Join Privacy and Web Security Interest Groups (open to all!)**
  - Or Web Platform Incubator Community Group (WICG)
- Workshops: e.g. Permissions, Identity



# W3C Workshop on Permissions and User Consent

San Diego

**September 26-27, 2018**

Free; by invitation

**Deadline: this Friday, August 17**

Application:

Short position statement or  
questionnaire

Topics:

- bundling of permissions
- lifetime/duration of permissions
- relation to same origin policy
- UIs and controls
- interaction with private browsing modes
- implicit permission grants
- progressive permission grants
- cross-stack permissions: how OS, browser, and web app permissions interact

<https://www.w3.org/Privacy/permissions-ws-2018/cfp.html>