Web Authorization Protocol (OAuth)

WG Chairs:
Hannes Tschofenig, hannes.tschofenig@gmx.net
Rifaat Shekh-Yusef, rifaat.ietf@gmail.com

Security AD:
Eric Rescorla, ekr@rtfm.com
Mailing List: oauth@ietf.org

To Subscribe: https://www.ietf.org/mailman/listinfo/oauth
Note Well

• Any submission to the IETF intended by the Contributor for publication as all or part of an IETF Internet-Draft or RFC and any statement made within the context of an IETF activity is considered an "IETF Contribution". Such statements include oral statements in IETF sessions, as well as written and electronic communications made at any time or place, which are addressed to:
  – The IETF plenary session
  – The IESG, or any member thereof on behalf of the IESG
  – Any IETF mailing list, including the IETF list itself, any working group or design team list, or any other list functioning under IETF auspices
  – Any IETF working group or portion thereof
  – Any Birds of a Feather (BOF) session
  – The IAB or any member thereof on behalf of the IAB
  – The RFC Editor or the Internet-Drafts function

• All IETF Contributions are subject to the rules of RFC 5378 and RFC 8179.
• Statements made outside of an IETF session, mailing list or other function, that are clearly not intended to be input to an IETF activity, group or function, are not IETF Contributions in the context of this notice. Please consult RFC 5378 and RFC 8179 for details.
• A participant in any IETF activity is deemed to accept all IETF rules of process, as documented in Best Current Practices RFCs and IESG Statements.
• A participant in any IETF activity acknowledges that written, audio and video records of meetings may be made and may be available to the public.
Requests

• Jabber Scribe
• Minutes Taker
• Blue Sheets
# Status Update

<table>
<thead>
<tr>
<th>Document</th>
<th>Date</th>
<th>Status</th>
<th>IPR</th>
<th>AD / Shepherd</th>
</tr>
</thead>
</table>
| draft-ietf-oauth-device-flow-07  
OAuth 2.0 Device Flow for Browserless and Input Constrained Devices | 2017-10-30 | I-D Exists 
In WG Last Call 
Apr 2017 | Rifaat Shekh-Yusef |             |
| draft-ietf-oauth-discovery-07  
OAuth 2.0 Authorization Server Metadata | 2017-09-07 | Waiting for Writeup for 34 days 
Submitted to IESG for Publication: Proposed Standard 
Reviews: genart, opsdir, secdir 
Mar 2017 | Eric Rescorla | Hannes Tschofenig |
| draft-ietf-oauth-jwsreq-15  
The OAuth 2.0 Authorization Framework: JWT Secured Authentication Request (JAR) | 2017-07-21 | IESG Evaluation::AD Followup for 143 days 
Submitted to IESG for Publication: Proposed Standard 
Reviews: genart, opsdir, secdir 
Apr 2016 | Eric Rescorla | Hannes Tschofenig |
| draft-ietf-oauth-jwt-bcp-00  
JSON Web Token Best Current Practices | 2017-07-27 | I-D Exists 
WG Document |             |             |
| draft-ietf-oauth-mlts-04  
Mutual TLS Profile for OAuth 2.0 | 2017-10-12 | I-D Exists 
WG Document |             |             |
| draft-ietf-oauth-security-topics-03  
OAuth Security Topics | 2017-09-10 | I-D Exists 
WG Document |             |             |
| draft-ietf-oauth-token-binding-05  
OAuth 2.0 Token Binding | 2017-10-26 | I-D Exists 
WG Document |             |             |
| draft-ietf-oauth-token-exchange-09  
OAuth 2.0 Token Exchange | 2017-07-03 | I-D Exists 
WG Consensus: Waiting for Write-Up: Proposed Standard 
May 2017 | Rifaat Shekh-Yusef |             |
OAuth Security Workshop 2018

Summary

The OAuth Security Workshop (OSW) aim is to improve the security of OAuth and related Internet protocols by a direct exchange of views between academic researchers, IETF OAuth Working Group members and industry. The workshop is hosted by the Security and Trust research unit of the Bruno Kessler Foundation (FBK).

While the standardization process of OAuth ensures extensive reviews (both security and non-security related), further analysis by security experts from academia and industry is essential to ensure high quality specifications. Contributions to this workshop can help to improve the security of the Web and the Internet.

Scope and Topics

We seek position papers related to OAuth, OpenID Connect, and other technologies using OAuth under the hood. Contributions regarding technologies that are used in OAuth, such as JOSE, or impact the security of OAuth, such as Web technology, are also welcome.

Areas of interest where OAuth can be used as enabler of innovative scenarios include:

- IoT, SmartCities and Industry 4.0.
- Mobile and Strong authentication.
- Federated Identity.
- Privacy-enhancing technologies.
OAuth Security Workshop 2018, cont.

- Date: March 14-16, 2018
  - Intentionally in the days before the next IETF meeting

- Location: Trento, Italy

- Link: https://st.fbk.eu/osw2018

- Position papers related to
  - OAuth,
  - OpenID Connect,
  - and other technologies using OAuth under the hood.
Tuesday’s Agenda

• Chairs Update – 10 min

• Brian Campbell
  – Mutual TLS Profile for OAuth 2.0 – 30 min
  – OAuth 2.0 Token Binding – 30 min

• Mike Jones
  – OAuth 2.0 Authorization Server Metadata – 5 min
  – JSON Web Token Best Current Practices – 15 min

• John Bradley
  – OAuth 2.0 Device Flow – 15 min
  – OAuth 2.0 Device Posture Signals – 15 min
Wednesday’s Agenda

• Torsten Lodderstedt
  – OAuth Security Topics – 30 min

• Dick Hardt
  – Mutual OAuth – 20 min
  – Distributed OAuth – 20 min

• Marco Tiloca
  – Raw-Public-Key and Pre-Shared-Key as OAuth client credentials – 10 min

• Vittorio Bertola
  – Public Identity Infrastructure – 10 min