

OAuth WG

IETF 96, Berlin, Germany
July 17-22, 2016



OAuth Security Workshop 2016

OAuth Security Workshop

July 14th and 15th 2016 in Trier/Germany

- Invited talks:
 - **Karthikeyan Bhargavan** about [Breaking and Fixing HTTPS Compound Authentication: TLS 1.3, Token Binding, and OAuth 2.0](#)
 - **Andrey Labunets** about [Lessons from breaking and defending OAuth in practice](#)
- Papers and slides can be found at <https://infsec.uni-trier.de/events/osw2016/schedule>
- Security test suite launched: <https://github.com/RUB-NDS/PrOfESSOS>

Milestones

Date	↕ Milestone
Nov 2016	Submit 'OAuth 2.0 for Native Apps' to the IESG draft-ietf-oauth-native-apps
Oct 2016	Submit 'OAuth 2.0 Device Flow' to the IESG draft-ietf-oauth-device-flow
Jul 2016	Submit 'A Method for Signing HTTP Requests for OAuth' to IESG draft-ietf-oauth-signed-http-request
Jul 2016	Submit 'OAuth 2.0 Proof-of-Possession: Authorization Server to Client Key Distribution' to the IESG draft-ietf-oauth-pop-key-distribution
Jul 2016	Submit 'OAuth 2.0 Security: Closing Open Redirectors in OAuth' to the IESG draft-ietf-oauth-closing-redirectors
Jul 2016	Submit 'OAuth 2.0 Token Exchange' to the IESG for consideration as a Proposed Standard draft-ietf-oauth-token-exchange
Jun 2016	Submit 'OAuth 2.0 Mix-Up Mitigation' to the IESG draft-ietf-oauth-mix-up-mitigation
May 2016	Submit 'Authentication Method Reference Values' to the IESG draft-ietf-oauth-amr-values
Apr 2016	Submit 'OAuth 2.0 Authorization Server Discovery Metadata' to the IESG draft-ietf-oauth-discovery
Apr 2016	Submit 'Request by JWS ver.1.0 for OAuth 2.0' to the IESG for consideration as a Proposed Standard draft-ietf-oauth-jwsreq

Agenda / Monday

- OAuth 2.0 Token Exchange
- OAuth 2.0 for Native Apps
- OAuth 2.0 Device Flow
- Authentication Method Reference Values

Agenda / Wednesday

- Authorization Server Discovery Metadata
- Mix-Up Mitigation
- Encoding claims in the OAuth 2 state parameter using a JWT
- Proof-of-Possession / Token Binding